

## Compact CV - Paolo Di Sia

### **Academic position:**

**University of Padova** (Italy) (A. Y. 2021-2022)

*Adjunct Professor*

School of Science (*INSTITUTIONS OF MATHEMATICS 1*)

School of Engineering (*GENERAL PHYSICS*)

School of Medicine (Dept. of Neurosciences) (*INFORMATICS, STATISTICS AND APPLIED PHYSICS*)

**Primordial Dynamic Space Research** (Verona, Italy)

*Head of the Research Group*

Qualified as **Associate Professor** in **Mathematics Didactics - Mathematics**

Nord Universitet (Norway)

<https://www.nord.no/en>

(2022-05-18)

Qualified as **Associate Professor** in **Mathematics Didactics - Mathematics**

Universitetet i Agder, Institutt for matematiske fag (Norway)

<https://www.uia.no/en/about-uia/faculties/faculty-of-engineering-and-science/institutter2/departement-of-mathematical-sciences>

(2022-04-27)

Qualified as **Associate Professor** in **Mathematics Didactics**

According to the Experts assessment of Universitetet i Stavanger (UiS) (Norway)

<https://www.uis.no/en>

(2022-01-20)

Qualified as **Associate Professor** in **Didactics of Mathematics / Mathematics Education**

According to the Experts assessment of OsloMet - Oslo Metropolitan University (Norway)

<https://www.oslomet.no/en>

(2021-03-28)

Qualified as **Associate Professor** in **Mathematics Didactics**

According to the Experts assessment of OsloMet - Oslo Metropolitan University (Norway)

<https://www.oslomet.no/en>

(2021-03-04)

E-mail: [paolo.disia@gmail.com](mailto:paolo.disia@gmail.com)    [paolo.disia@unipd.it](mailto:paolo.disia@unipd.it)

Web: <https://www.paolodisia.com/>    Skype: Paolo Di Sia

Present on "Academia": <https://www.academia.edu/>

ORCID: <https://orcid.org/0000-0002-6405-0483>

Citations on: <https://scholar.google.it/>

Citations: 910; H-index: 14; i10-index: 31    (2022-10-27)

## Education - Titles

- **Ph.D.**

**Doctor of Philosophy (*Philosophy of Science*)** - European Institute of Applied Research, Viimsi Parish, Harjumaa, Tallinn, Estonia / ISO 9001:2015 Certified Institution / Quality Control Approved Institution / UNESCO & United Nations Organization (UNHCR, UNICEF, WFP & UNFPA) Approved / Association of North America Higher Education International (ANAHEI), USA Registered (<https://eiar.ueniweb.com/#header>) (December 13, 2020)

- **Ph.D.**

**Doctor of Mathematics** - International American Council for Research and Development, California Public University, USA (<http://cpu-edu.us/>) (June 30, 2019)

- **Ph.D.**

**Doctor of Nanobiotechnology** - University of Verona (Italy) - Doctorate School in Science, Engineering and Medicine (May 10, 2011)

Thesis title: “**Classical and quantum transport processes in nano-bio-structures: a new theoretical model and applications**”

Scientific Sector (SSD): **FIS/02 - Theoretical Physics, Mathematical Models and Methods**

- **Bachelor (1<sup>st</sup> level Laurea) in Religious Science** (Specialization: **Metaphysics**)

Higher Institute of Religious Science (I.S.S.R.) "S. Pietro Martire", Verona (Italy) (July 22, 1993)

Title: “**The spacetime categories among science, philosophy and theology: the contributions of relativistic physics, philosophic think and theological research**”

- **Master (2<sup>nd</sup> level Laurea) in Theoretical Physics**

University of Padova (Italy) (December 20, 1990)

Thesis on **Effective Theory of Superstring**

Title: “**Geometric Construction of  $N=1, D=4$  Supergravity Theory coupled to matter**”

## Scientific Interests

- Theoretical Physics, Mathematical Physics, Transdisciplinary Physics
- Classical & Quantum Relativistic Nanophysics, Nano-Bio-Technology, Nano-Neurosciences
- (Holistic) Theories of Everything, Foundations of Physics
- History and Philosophy of Science, Science Education, Mathematics and Physics Education

## Habilitations

Obtained in Year 2000 the “**Higher School Teaching**” **Habilitation** for:

a) **Mathematics and Physics** (SSD: A049)

b) **Mathematics** (SSD: A047)

c) **Physics** (SSD: A038)

## Compact CV - Paolo Di Sia (2022-10-27)

d) **Applied Mathematics** (SSD: A048)

### **Academic Teaching** (up to August 2022) Teaching Assistant (past) / Adjunct Professor

#### **Faculty of Science (Verona):**

- Teaching Assistant of *Physics, Analysis I, Analysis II, Mathematics and Statistics*
- Professor of *Analysis I, Analysis II* and *Physics*

#### **Faculty of Medicine (Verona):**

- Professor of *Physics*

#### **University of Padova (Campus: Verona) - Department of Philosophy, Education and Psychology**

- Professor of *Basic Mathematics 1 (Laboratory), Basic Mathematics 2 (Theory and Laboratory)*

#### **Faculty of Economics (Verona):**

- Professor of *Mathematics*
- Teaching Assistant of *Mathematics*

#### **Faculty of Engineering (Pavia - Campus: Mantova):**

- Professor of *Physics II, Analysis B*

#### **Higher Institute of Religious Science (Bolzano-Bozen):**

- Professor of course: “*Among Science, Philosophy and Religion: Modern Physics meets Faith*”

#### **Free University of Bolzano-Bozen:**

- Teaching Assistant of *Algebra, Probability Theory, Statistics, Mathematics for Economists A and B, Geometry, Mathematical Methods for Experimental Science*
- Professor of *Mathematics for Economists A, Didactics of Mathematics II (Laboratory), Basic Mathematics 1+2, Specialistic training for teachers and preparation of the mathematical/scientific thesis, Didactics of mathematics 1 (laboratory)*
- Professor of *Physics, Physics 1*

#### **University of Padova**

##### **Campus: Padova - School of Science (Department of Chemical Science & Department of Physics and Astronomy)**

- Professor of *Principles of Mathematics and Statistics*
- Professor of *Institutions of Mathematics 1*

##### **Campus: Padova - School of Engineering (Department of Mechanical Engineering)**

- Professor of *Mathematical Analysis 1* (first ranked)

##### **Campus: Padova - School of Medicine (Department of Neurosciences)**

- Professor of *Informatics, Physics and Informatics, Chemistry, Physics and Statistics, Basic Physics applied to Radiology, Applied Physics*

## Compact CV - Paolo Di Sia (2022-10-27)

### ***Campus: Vicenza - School of Engineering (Department of Management and Engineering)***

- Professor of *Mathematical Analysis 1* (first ranked)
- Professor of *General Physics, Physics 2, Physics 1* (Laboratory part)

### ***Campus: Bressanone - Brixen --- School of Engineering***

- Professor of *Physics 2*

## **Scientific Collaborations (selected)**

### ***Nanoscience, Nanotechnology***

**Institutions:** University of Padova (Italy), University of Manchester (Nanosmat Society) (UK)  
(2008 - today)

Visiting professor by the “**National Center for Theoretical Sciences**” related to the program “**Computing Platform for Strong Coupling Systems**”.

Referee Professor: **Prof. Dr. Wen-Bin Jian**

*Department of Electrophysics - National Chiao Tung University - 1001 Ta Hsueh Road  
Hsinchu 30010, Taiwan ROC - Tel: +886-3-5712121-56159 - Fax: +886-3-5725230  
(2012)*

### ***Journal of Education Culture and Society***

**Institutions:** University of Wrocław (Poland), University of Padova (Italy), Turība University (Latvia), University of Social Sciences and Humanities (Wrocław)  
(2014 - today)

<http://variograf.uni.wroc.pl/conference/ecs2017/>

[www.uni.wroc.pl](http://www.uni.wroc.pl) [www.jecs.pl](http://www.jecs.pl) [www.educationculturesociety.eu](http://www.educationculturesociety.eu)

### ***E-methodology***

**Institutions:** University of Wrocław (Poland), University of Social Sciences and Humanities (Wrocław), University of Padova (Italy), Akademia Wychowania Fizycznego we Wrocławiu (Poland)

(2015 - today)

<http://variograf.uni.wroc.pl/conference/e-methodology/>

### ***Mind, Brain, Consciousness***

**Institutions:** University of Padova (Italy), Lakshmipur Swamiji Seva Sangha High School (H.S.), Gobardanga North 24 Parganas, West Bengal (India)

(2018 - today)

## **Thesis Revision - Expert**

- Recommended by “**Advances Studies & Research Board**” for the evaluation of thesis for **Award of Degree of Ph.D in Physics** - Bahauddin Zakariya University, Multan (Pakistan)

1) **Evaluation** of the PhD thesis of Mr. Khalid Nadeem Riaz for Award of Degree of Ph.D in Physics - Bahauddin Zakariya University, Multan (Pakistan) (July 2014)

## **Compact CV - Paolo Di Sia (2022-10-27)**

2) **Included** in the list of foreign examiners for the evaluation of the Ph.D thesis of Mr. Ghulam Murtaza - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (February 2015)

3) **Included** in the list of foreign examiners who will evaluate the Ph.D thesis of Mr. Abid Hussain - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (August 2015)

4) **Included** in the list of foreign examiners who will evaluate the Ph.D thesis of Mr. Hafiz Muhammad Tahir Farid - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (March 2016)

5) **Appointed** by the Rector of National Textile University Faisalabad (Pakistan) as **external subject expert** to review the TTS-Progress report of Assistant Professor Dr. Nadeem Nasir in the department of Applied Sciences of the University (2016)

6) **Evaluation** of the PhD thesis of Mr. Imran Ahmad - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (December 2017)

7) **Evaluation** of the PhD thesis of Ms. Aisha Iftikhar - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (February 2018)

8) **Included** in the list of foreign examiners for the evaluation of the Ph.D thesis of Mr. Muhammad Ajmal - Department of Physics, Bahauddin Zakariya University, Multan (Pakistan) (Summer 2018)

9) **Appointed as one of the external foreign experts** in the **Technical Review Panel (TRP)** formed by **Department of Mathematics, COMSATS University Islamabad (Pakistan)**, Lahore Campus, to evaluate the Dossier/CV of Dr. Zulfiqar Ali for confirmation of his recent promotion as “Associate Professor on Permanent (Full) Tenure” (Nov-Dec 2018)

## **International Conferences**

1) 3<sup>rd</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials, “NanoSMat 2008”, October 21-24, 2008**, Hotel Melià Barcelona - **Spain**  
(Presentation of 2 Posters)

2) 5<sup>th</sup> International Conference on **Diffusion in Solids and Liquids, “DSL 2009”, June 24-26, 2009**, Grand Hotel Palazzo Carpegna – Rome - **Italy**  
(Oral Presentation)

3) 15<sup>th</sup> International Conference on **Condensed Matter Nuclear Science, October 05-09, 2009**, Rome – **Italy**  
(Collaborator to the presented paper)

4) 4<sup>th</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials, “NanoSMat 2009”, October 19-22, 2009**, Rome – **Italy**  
(Oral Presentation)

## Compact CV - Paolo Di Sia (2022-10-27)

5) 6<sup>th</sup> International Conference on **Diffusion in Solids and Liquids**, “**DSL 2010**”, July **05-07, 2010** – Paris – France  
(Oral Presentation)

6) 4<sup>th</sup> International Meeting on **Developments in Materials, Processes and Applications of Emerging Technologies** “**MPA 2010**”, Braga, Portugal, July **28-30, 2010**  
(Oral Presentation) (**Chairman** of a Day Session) (Invited to give a Short Course (Title: “**About nano-piezotronics and nanosensoristics: properties and physics at nanoscale**”))

7) 5<sup>th</sup> International Workshop “**DICE2010**” - “**Space-Time-Matter - current issues in quantum mechanics and beyond**”, Castello Pasquini/Castiglioncello (*Tuscany, Italy*), **September 13-17, 2010**  
(Poster Presentation)

8) 5<sup>th</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials**, “**NanoSMat-5**”, **October 19-21, 2010**, Reims – France (Invited Speaker)  
(Oral Presentation)  
(**Winner** of the prize “Distinguished Invited Tutorial Speaker”)

9) 7<sup>th</sup> International Conference on **Diffusion in Solids and Liquids**, “**DSL 2011**”, June **26-30, 2011** – Algarve – Portugal  
(Oral Presentation)

10) 6<sup>th</sup> International Workshop “**DICE2012**” - “**Spacetime - Matter - Quantum Mechanics from the Planck scale to emergent phenomena**”, Castello Pasquini/Castiglioncello (*Tuscany, Italy*), **September 17-21, 2012**  
(Poster Presentation)

11) 6<sup>th</sup> International Meeting on **Developments in Materials, Processes and Applications of Emerging Technologies** “**MPA 2012**”, Alvor, Portugal, July **02-04, 2012**  
(Invited speaker)  
(Oral Presentation)  
(**Member** of the **International Scientific Committee**) (**Chairman** of two Days Sessions)

12) 7<sup>th</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials**, “**NanoSMat**”, **September 18-21, 2012**, Prague – Czech Republic (Invited speaker) (**Member** of the **International Advisory Board**) (Invited to give a Short Course (Tutorial))  
(**Winner** of the prize “Eminent Invited Tutorial Speaker”) (**Chairman** of a Day Session)

13) 3<sup>rd</sup> International Conference on Theoretical Physics “**Theoretical Physics and its Application**”, **June 24-28, 2013**, Moscow, Russia  
(Oral Presentation)

14) 8<sup>th</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials**, “**NanoSMat**”, **September 22-25, 2013**, Granada – Spain (Invited speaker)  
(**Chairman** of a Day Session) (**Member** of the **International Advisory Board**) (**Winner** of the prize “Best Technical Paper”)

## Compact CV - Paolo Di Sia (2022-10-27)

15) 14<sup>th</sup> International School and Workshop on **Nanoscience and Nanotechnology 2013 (n&n 2013)**, **September 30 - October 04, 2013** - INFN-Frascati National Laboratories (Italy) (Invited speaker) (Oral Presentation)

16) International **Teacher Education Conference (ITEC 2014)** - Dubai (UAE) - **February 5-7, 2014 (Member of the International Advisory Board) (Chairman of a Day Session)** (Oral Presentation)

17) 2<sup>nd</sup> US International Conference on **Surfaces, Coatings and Nanostructured Materials, "NanoSMat-USA"**, **May 19-22, 2014**, Houston – Texas (USA) (Invited speaker) (Oral Presentation) (Received a "**Certificate of Appreciation**")

18) 5<sup>th</sup> International Conference on **New Horizons in Education (INTE 2014)** - Paris (FRANCE) - **June 25-27, 2014 (Member of the International Editorial Board)** (Oral Presentation)

19) 9<sup>th</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials, "NanoSMat"**, **September 08-11, 2014**, Dublin – Ireland (Invited speaker) (Poster Presentation) (**Winner of the prize "Best Technical Poster"**)

20) International Academic Conference "**Education Culture and Society 2014**" - **University of Wroclaw** (Poland) - **September 15-18, 2014 (Opening lecture of the conference)**

21) **Cognitive Science Arena**, III edition, **Free University of Bolzano** (Bressanone, Italy) - **February 06-07, 2015** (Invited)

22) 2<sup>nd</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials, "NanoSMat-Asia"**, **March 24-27, 2015**, Meliksah University, **Kayseri** (Turkey) (Invited speaker) (**Chairman of a Day Session**) (Organising Committee Member) (Oral Presentation) (Invited to give a tutorial)

23) International Academic Conference **E-Methodology**, **March 31-April 01, 2015, Wroclaw** (Poland) (Oral Presentation in Plenary Session)

24) 1<sup>st</sup> International Academic Conference **Edutainment: Games and ICT in Education**, University of **Wroclaw** (Poland) - **June 02-03, 2015** (Oral Presentation)

25) International Conference on **New Horizons in Education "INT-E 2015"** - **Barcelona** (Spain) - **June 10-12, 2015 (Member of the International Editorial Board) (Chairman of a Day Session)** (Oral Presentation)

26) International Academic Conference "**Education Culture and Society 2015**" - **University of Wroclaw** (Poland) - **September 14-17, 2015** (Invited for **Inaugural lecture**)

27) International Conference on Nanotechnology in Medicine "**NANOMED 2015**" - **Manchester** (UK) - **November 23-25, 2015** (Invited speaker) (Oral Presentation)

## Compact CV - Paolo Di Sia (2022-10-27)

28) 7<sup>th</sup> International Conference on **Intercultural Education “Eduhem 2016”**, June **15-17, 2016**, Almeria – **Spain** (Oral Presentation)  
(Member of **International Scientific Committee**)

29) International Conference on **New Horizons in Education “INT-E 2016”** - Vienna (Austria) - **Juli 13-15, 2016** (Oral Presentation) (**Chairman** of a Day Session) (**Member** of the **International Editorial Board**)  
(**Member** of the **Organising Committee**)

30) 11<sup>th</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials, “NanoSMat”**, **September 06-09, 2016**, Aveiro (Portugal)  
(**Member** of the **Organising Committee**) (**Chairman** of a Day Session)

31) International Academic Conference **“Education Culture and Society 2016”** - **University of Wroclaw** (Poland) - **September 12-14, 2016**  
(Invited for **Inaugural lecture**) (**Chairman** of a Day Session)

32) International Conference on Nanotechnology in Medicine **“NANOMED 2016”** - **Warsaw** (Poland) - **November 07-09, 2016**  
(**Member** of the **International Committee**) (**Chairman** of a Day Session)

33) Conference **“Relatio Subsistens. L’ontologia delle relazioni e la Filosofia Analitica della Religione”**, University of Verona and Foundation **“Campostrini Studies Center”**, **November 16-17, 2016**, **Verona** (Italy)  
(Invited speaker) (Oral Presentation)

34) International Academic Conference **E-Methodology**, **March 29-30, 2017**, **Wroclaw** (Poland) - Organizers: Institute of Psychology of the University of Wroclaw - Foundation **“Pro Scientia Publica”**  
(**First** Oral Presentation in **Plenary Session**)

35) 8<sup>th</sup> International Conference on **New Horizons in Education “INTE 2017”**, **July 17-19, 2017**, **Berlin** (Germany)  
(**Member** of the **International Scientific / Editorial Board**)  
(Oral Presentation) (**Chairman** of a Day Session (July 17))

36) International Conference on Nanotechnology, Nanomaterials & Thin Films for Energy Applications **“Nano Energy”**, **July 26-28, 2017**, **Aalto University**, **Helsinki** (Finland)  
(Invited speaker) (Oral Presentation)

37) 12<sup>th</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials “NanoSMat”**, **September 11-13, 2017**, **Paris** (France)  
(**Member** of the **International Scientific Committee**) (Oral Presentation)

38) 2<sup>nd</sup> international Conference **“MINDfulness 2017”**, **September 21-23, 2017**, **Grand Hotel Sava, Rogaska Spa** (Slovenia)  
(Invited speaker) (Oral Presentation in **Plenary Session**)



## Compact CV - Paolo Di Sia (2022-10-27)

39) 2<sup>nd</sup> International Conference on “**Impact of Nanoscience on Energy Technologies (NanoSET-2017)**”, October 25-27, 2017, Department of Physics, COMSATS Institute of Information Technology (CIIT), Lahore (Pakistan)  
(Invited Plenary Speaker)

40) 3<sup>rd</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials “NanoSMat-Asia”, December 04-07, 2017, City University of Hong Kong (Hong Kong)**  
(Invited speaker) (Invited to give two tutorials)

41) International Academic Conference “**E-Methodology**”, **March 15-16, 2018, Wroclaw (Poland)** - Organizers: Wroclaw Medical University, Department of Public Health (<https://www.wnoz.umed.wroc.pl/katedra-zdrowia-publicznego>) and Foundation “Pro Scientia Publica” ([www.proscientiapublica.pl](http://www.proscientiapublica.pl))  
(Invited to present in Plenary Session)

42) International Conference on Nanotechnology in Medicine “**NANOMED 2018**”, **June 26-28, 2018, Manchester (UK)**  
(Invited speaker) (Oral Presentation)

43) International Academic Conference “**E-Methodology**”, **May 10, 2019, Wroclaw (Poland)** - Organizers: Wroclaw Medical University, Department of Public Health (<https://www.wnoz.umed.wroc.pl/katedra-zdrowia-publicznego>) and Foundation “Pro Scientia Publica” ([www.proscientiapublica.pl](http://www.proscientiapublica.pl))  
(Invited to present in Plenary Session)

44) International Conference “**ETHICS & SOCIETY**”, ON THE OCCASION OF THE 100TH ANNIVERSARY OF G.E.M. ANSCOMBE'S BIRTH (1919-2019), **Urbino (Italy), May 23-25, 2019**  
(Oral Presentation & Presentation of my book “FISICA MODERNA, COSCIENZA, MULTIVERSO, AZIONE DIVINA - Problemi, dubbi, convergenze”, Publisher: Stamen (2018))  
(Invited Speaker) (<http://www.anscombe100.com/>)

45) “**International Science and Technology Conference**” (ISTEC 2019-Europe), **Prague (Czech Republic), July 03-05, 2019** - <https://www.taset.net/>  
(Invited Keynote Speaker) - <http://www.int-e.net/keynotes>

46) International Academic Conference “**Education Culture and Society 2019**” - **University of Wroclaw, September 11-13, 2019, Wroclaw (Poland)**  
(Invited Speaker) (Oral Presentation) - <http://variograf.uni.wroc.pl/conference/ecs-2019/>

47) International Conference “**MINDfulness 2020**”, **August 29-30, 2020, Olimia Spa, Podčetrtek (Slovenia)**  
(Invited Keynote Speaker)  
<http://www.eduvision.si/keynote-speakers1>

48) “**International Science and Technology Conference**” (ISTEC), **NICOSIA, TRNC (North Cyprus), September 02-04, 2020** - <http://iste-c.net/>  
Invited Keynote Speaker: <http://iste-c.net/keynotes>  
Coordinator of the conference: <http://iste-c.net/coordinators>

## Compact CV - Paolo Di Sia (2022-10-27)

49) “Global Web Conference on Multidisciplinary Research and Development” & Global Professionals – Educationalist Awards Convocation 2020  
October 31, 2020, h 08:00 PM - Mumbai, Kolkata, New Delhi

50) 6<sup>th</sup> International Academic Conference “E-Methodology”, May 21, 2021, Wroclaw (Poland)

Organizers: Wroclaw Medical University, Department of Public Health (<https://www.wnoz.umed.wroc.pl/katedra-zdrowia-publicznego>) and Foundation “Pro Scientia Publica” ([www.proscientiapublica.pl](http://www.proscientiapublica.pl))

(Invited)

51) “International Science and Technology Conference” (ISTEC), NICOSIA, TRNC (North Cyprus), July 29-30, 2021 - <http://iste-c.net/>

Invited Keynote Speaker: <http://iste-c.net/keynotes>

Coordinator of the conference: [http://iste-c.net/organizing\\_committee](http://iste-c.net/organizing_committee)

(Invited)

52) 7<sup>th</sup> International Academic Conference “E-Methodology”, April 21-22, 2022, Wroclaw (Poland)

Organizers: Wroclaw Medical University, Department of Public Health (<https://www.wnoz.umed.wroc.pl/katedra-zdrowia-publicznego>) and Foundation “Pro Scientia Publica” ([www.proscientiapublica.pl](http://www.proscientiapublica.pl))

<http://e-methodology-conference.eu/2022/>

(Keynote Invited Speaker) (First Presentation in Plenary Session)

53) “International Science and Technology Conference” (ISTEC), NICOSIA, TRNC (North Cyprus), September 01-02, 2022 - <http://iste-c.net/>

Keynote Invited Speaker: <http://iste-c.net/keynotes>

Coordinator of the conference: [http://iste-c.net/organizing\\_committee](http://iste-c.net/organizing_committee)

## **Reviewer - Expert**

1) **Scientific Reports (Nature)** (ISSN 2045-2322 (online))

(<https://www.nature.com/srep/>)

2) **International Journal of Hydrogen Energy (Elsevier)** (ISSN: 0360-3199)

(<https://www.journals.elsevier.com/international-journal-of-hydrogen-energy>)

3) **International journal Applied Clay Science (Elsevier)** (ISSN: 0169-1317)

(<https://www.journals.elsevier.com/applied-clay-science>)

4) **Advances in Nano Research, An International Journal** (ISSN: 2287-237X (Print) - ISSN: 2287-2388 (Online))

(<http://www.techno-press.org/?journal=anr&subpage=7>)

5) **International journal “Entropy”** (ISSN 1099-4300; CODEN: ENTRFG)

(<https://www.mdpi.com/journal/entropy>)

([https://www.mdpi.com/journal/entropy/submission\\_reviewers](https://www.mdpi.com/journal/entropy/submission_reviewers))

## Compact CV - Paolo Di Sia (2022-10-27)

6) **AIP Advances** (E-ISSN: 2158-3226)

(<https://aip.scitation.org/journal/adv>)

7) **American Journal of Educational Research** (ISSN (Print): 2327-6126; ISSN (Online): 2327-6150)

(<http://www.sciepub.com/journal/EDUCATION>)

8) **Frontiers in Nanotechnology** (Electronic ISSN: 2673-3013) (Indexed: Google Scholar, DOAJ, CrossRef, CLOCKSS, OpenAIRE)

(<https://www.frontiersin.org/journals/nanotechnology#>)

9) **Frontiers in Psychology** (Electronic ISSN: 1664-1078) (Indexed in: CLOCKSS, CrossRef, DOAJ, EBSCO, Google Scholar, OpenAIRE, PsycINFO, PubMed Central (PMC), Scopus, Semantic Scholar, Social Science Citation Index (SSCI), Ulrich's Periodicals Directory, Zetoc)

(<https://www.frontiersin.org/journals/psychology#>)

10) **Scientific African** (ISSN: 2468-2276)

(<https://www.editorialmanager.com/sciaf/Default.aspx>)

11) **Frontiers of Astronomy, Astrophysics and Cosmology (FAAC)**

(<http://www.sciepub.com/journal/FAAC>)

12) **American Journal of Electrical and Electronic Engineering (AJEEE)** (ISSN (Print): 2328-7365; ISSN (Online): 2328-7357)

(<http://www.sciepub.com/journal/AJEEE>)

13) **International Journal of Physics** (ISSN (Print): 2333-4568; ISSN (Online): 2333-4576)

(<http://www.sciepub.com/journal/IJP>)

14) **Journal of Modern Education Review** (ISSN: 2155-7993)

(<http://academicstar.us/journalsshow.asp?ArtID=365>)

15) **American Journal of Science and Technology** (ISSN: 2375-3846)

(<http://www.aascit.org/journal/ajst>)

16) **International Journal of Modern Physics and Application** (ISSN: 2375-3870)

(<http://www.aascit.org/journal/about?journalId=909>)

17) **International Journal of Mathematical Analysis and Applications** (ISSN: 2375-3927)

(<http://www.aascit.org/journal/about?journalId=921>)

18) **Journal of Pharmaceutical Research International** (ISSN: 2456-9119)

(<https://www.journaljpri.com/index.php/JPRI>)

19) **Physical Science International Journal** (ISSN: 2348-0130)

(<https://www.journalpsij.com/index.php/PSIJ>)

(<https://www.journalpsij.com/index.php/PSIJ/abstracting-indexing>)

## Compact CV - Paolo Di Sia (2022-10-27)

20) **Asian Journal of Economics, Business and Accounting** (ISSN: 2456-639X)

(<https://www.journalajeba.com/index.php/AJEBA>)

(<https://www.journalajeba.com/index.php/AJEBA/abstracting-indexing>)

21) **Asian Journal of Probability and Statistics** (ISSN: 2582-0230)

(<https://www.journalajpas.com/index.php/AJPAS>)

(<https://www.journalajpas.com/index.php/AJPAS/abstracting-indexing>)

22) **African Educational Research Journal** (ISSN: 2354-2160 - DOI: 10.30918/AERJ)

([http://www.netjournals.org/aer\\_index.html](http://www.netjournals.org/aer_index.html))

23) **Journal of Computer Sciences and Applications** (ISSN (Print): 2328-7268; ISSN (Online): 2328-725X)

(<http://www.sciepub.com/journal/JCSA>)

24) **Journal of Advances in Mathematics and Computer Science** (ISSN: 2456-9968)

(<https://journaljamcs.com/index.php/IAMCS>)

25) **Recent Progress in Materials** (ISSN: 2689-5846)

(<https://www.lidsen.com/journals/rpm>)

26) **Journal of Applied Mathematics** (ISSN: 1110-757X (Print); ISSN: 1687-0042 (Online); DOI: 10.1155/4185)

(<https://www.hindawi.com/journals/jam/about/>)

27) **Reviewer** for the International Conference “**III World Finance Conference**” - Singapore, December 12-13, 2014

(<https://www.world-finance-conference.com/conference.php?id=7>)

28) **Recognized as expert** within the area of **Technological Sciences** and **highly recommended** by the members of the national Evaluation Panel of **Croatian Science Foundation (HRZZ)**

29) Registered as **Expert** for the “*European Commission – Research & Innovation*”

### **Awards - Nominations - Opening Lectures (selected)**

- Prize “**Distinguished Tutorial Invited Speaker**”, received at 5<sup>th</sup> International Conference on Surfaces, Coatings and Nanostructured Materials, “**NANOSMAT-5**”, October 19-21, 2010, Reims (France)

- Prize “**Eminent Invited Tutorial Speaker**”, received at 7<sup>th</sup> International Conference on Surfaces, Coatings and Nanostructured Materials, “**NANOSMAT**”, September 18-21, 2012, Prague (Czech Republic)

- Prize “**Best Technical Paper**”, received at 8<sup>th</sup> International Conference on Surfaces, Coatings and Nanostructured Materials, “**NANOSMAT**”, September 22-25, 2013, Granada (Spain)

## Compact CV - Paolo Di Sia (2022-10-27)

- **"Certificate of Appreciation"**, received at 2<sup>nd</sup> International Conference **"NANOSMAT USA"**, May 19-22, 2014, Houston (Texas)

- Prize **"Best Technical Poster"**, received at 9<sup>th</sup> International Conference on **SURFACES, COATINGS AND NANOSTRUCTURED MATERIALS, "NanoSMat", September 08-11, 2014**, Dublin (Ireland)

- **Selected to contribute** to the 2014 *Times Higher Education World University Rankings* by participating in the **Thomson Reuters Academic Reputation Survey**

- **Opening lecture** of the International Academic Conference **"Education Culture and Society 2014"** - **University of Wroclaw** (Poland) - **September 15-18, 2014** (my paper was chosen by the Academic Board of the conference to be one of the three best papers)

- **Opening lecture** of the International Academic Conference **"Education Culture and Society 2015"** - **University of Wroclaw** (Poland) - **September 14-17, 2015**

- **Opening lecture** of the International Academic Conference **"Education Culture and Society 2016"** - **University of Wroclaw** (Poland) - **September 12-14, 2016**

- **Winner** of **"Life Time Achievement Award"** - DK International Research Foundation faculty awards 2018 ([www.dkirf.org](http://www.dkirf.org))

- **Winner** at **World Championship 2018** in Educational Research with the paper: "About the Peculiar Aspects of Relativity and Beyond: A Pedagogical Perspective" (July 2018) (<https://sites.google.com/site/worldchampionshipwinners/>)

- **Selected** for the **Award of Doctor of Science (D.Sc)** as a **legitimate honor** (International American Council for Research and Development, United States of America - [www.iacrd.org](http://www.iacrd.org)) (Nov 03, 2018)

- **Winner** of the **World Research Peace Awards 2019** for excellence in **"Research and achievements in academic"** (titles awarded by "RULA AWARDS" - [www.rulaawards.com](http://www.rulaawards.com), accredited by "Idamas Learning Center, Malaysia" - [www.idamaslearning.com/](http://www.idamaslearning.com/) & [www.idamaslearning.com/blog](http://www.idamaslearning.com/blog) , "World Research Council" - [www.worldresearchcouncil.org](http://www.worldresearchcouncil.org) , "United Medical Council" - [www.unitedmedicalcouncil.org](http://www.unitedmedicalcouncil.org))

- **Selected** for the **"International Award of Excellence in Research"** - International American Council for Research & Development awards 2019 (<http://iacrd.org/>)

- **Selected** for the **"Best Researcher Award"** - DK International Research Foundation faculty awards 2019 ([www.dkirf.org](http://www.dkirf.org))

- Shortlisted for **Honorary D.Sc.** by the **International Talent Search Committee** **International Agency for Standards and Ratings (IASR)** (June 10, 2020)

- **Winner** of the **"Global Achievement Award 2020"**  
Hosted & Organized by Sidhartha Educational and Research Federation (SERF)  
Approved by Government of India  
Wing of SECT & ISO 9001:2015 Certified UNESCO & United Nations Organization (UNHCR, UNICEF, WFP & UNFPA)

## Compact CV - Paolo Di Sia (2022-10-27)

Approved: Association of North America Higher Education International (ANAHEI), USA  
Registered: Admin Office: Shantibazar Colony, Jaraka, Dharmasala, Jajpur, Odisha – 755008  
Branch Office: Malagala Main Road, Nagarbhavi Second Stage, Bangalore, Karnataka  
[https://www.facebook.com/Sidhartha-Educational-and-Research-Federation-102745301513436/?modal=admin\\_todo\\_tour](https://www.facebook.com/Sidhartha-Educational-and-Research-Federation-102745301513436/?modal=admin_todo_tour)

- **Winner of the “SAS honorarium Fellowship Award 2020”**

Scholars Academic and Scientific Society (SAS Society)  
<http://www.sassociety.com/sas-conference-and-awards-2020/>

- **Winner of the “Albert Einstein - Research Scientist Award”**

**“Global Professionals - Educationalist Award 2020”**

<https://docs.google.com/forms/d/e/1FAIpQLSct5yzGJ3EYhBqLDGwzBo5sBTP9LXmG7nAGGsd7TvgxiqtNyA/viewform>

Hosted & Organized by:

Sarojini Research and Development Council

New Delhi / Odisha / Kerala / Karnataka / Tamilnadu

Approved by Government of India / ISO 9001:2015 Certified

UNESCO & United Nations Organization (UNHCR, UNICEF, WFP & UNFPA) Approved

Association of North America Higher Education International (ANAHEI), USA Registered

Email: smtchairman@gmail.com / Phone: +91 95 00 77 99 68

&

Global Institute of Peace Education and Research Centre

ISO 9001:2015 Certified / GIPERC Indian Chapter Approved by Government of India

UNESCO & United Nations Organization (UNHCR, UNICEF, WFP & UNFPA) Approved

Association of North America Higher Education International (ANAHEI), USA Registered

Islam Nagar, Maruthamunai, Eastern Province, Sri Lanka

Email: gipercchairman@gmail.com

&

Global Citizens Peace Federation

(Approved by Government of India & ISO 9001:2015 Certified)

Sivagang, Vidyanagar, Kunaathurmedu, Palakkad, Kerala

Email: gcpfchairman@gmail.com / Phone: +91 94 86 34 54 52

- **Selected for the “International Scientist Awards on Engineering, Science, and Medicine”** (Mar 06-07, 2021) (Goa, India)

[https://www.vdgood.org/award\\_details/isag\\_awards\\_2021](https://www.vdgood.org/award_details/isag_awards_2021)

- **Scientist Award Winner** in the “International Scientist Awards on Engineering, Science and Medicine” (Aug 28-29, 2021 - Trivandrum, India)

[https://www.vdgood.org/award\\_details/international\\_scientist\\_awards\\_trivandrum](https://www.vdgood.org/award_details/international_scientist_awards_trivandrum)

- **Scientist Award Winner** in the “International Scientist Awards on Engineering, Science and Medicine” (Sept 10-11, 2021 - Coimbatore, India)

[https://www.vdgood.org/award\\_details/international-scientist-awards-Coimbatore-isac-2021](https://www.vdgood.org/award_details/international-scientist-awards-Coimbatore-isac-2021)

- **Award Winner** in the “International Scientist Awards on Engineering, Science, and Medicine” (Dec 04-05, 2021 - Visakhapatnam, India)

[https://www.vdgood.org/award\\_details/visawards2021](https://www.vdgood.org/award_details/visawards2021)

## Compact CV - Paolo Di Sia (2022-10-27)

- **Award Winner** in the Research Category in the “**International Scientist Awards on Engineering, Science and Medicine**” (Dec 31, 2021)

[https://www.insoawards.com/award\\_details/online\\_scientist\\_awards\\_2021](https://www.insoawards.com/award_details/online_scientist_awards_2021)

- **Selected** (Dec 24, 2021) for winning the “**International Scientist Awards on Engineering, Science, and Medicine**” (Feb 25, 2022)

[https://www.insoawards.com/award\\_details/international-scientist-awards-online-isao\\_awards\\_2021](https://www.insoawards.com/award_details/international-scientist-awards-online-isao_awards_2021)

- **Nominated and selected as Award Winner** by INSO Committee members in the “**International Research Awards on Science, Technology, and Management**” on 14 May 2022 at Chennai, India.

[https://www.insoawards.com/award\\_details/international\\_research\\_awards](https://www.insoawards.com/award_details/international_research_awards)

- **Award Winner** in the **Research Category** - Event: “**International Scientist Awards on Engineering, Science, and Medicine**” - 08-09 Jul 2022 - Villupuram TN 606107, India.

[https://www.insoawards.com/award\\_details/isao\\_awards](https://www.insoawards.com/award_details/isao_awards)

- **Award Winner** in the **Research Category** - Event: “**International Scientist Awards on Engineering, Science, and Medicine**” - 09-10 Sept 2022 - Online Mode.

[https://www.insoawards.com/award\\_details/isao\\_awards](https://www.insoawards.com/award_details/isao_awards)

- **Award Winner** in the **Research Category** - Event: “**International Scientist Awards on Engineering, Science, and Medicine**” - 30-31 Oct 2022 - Online Mode.

[https://www.insoawards.com/award\\_details/inso\\_Online\\_Award\\_2022](https://www.insoawards.com/award_details/inso_Online_Award_2022)

### **Membership of Scientific Societies - Scientific Associations - International Research Foundations**

1) Full Member of “**American Nano Society**”, 411 Walnut Street, Green Cove Springs, FL 32043-3443

2) Auxiliary member of “**American Philosophical Practitioners Association**”

3) Certified Member of “**Nanopaprika.eu - The International NanoScience Community**”

4) Ordinary Member of “**Associazione Italiana di Filosofia della Religione**” (“**Italian Association of Philosophy of Religion**”)

5) Regular Member of “**American Association for Science and Technology (AASCIT)**”

6) Professional Member of “**The NANOSMAT Society**” - <http://www.nanosmat-society.org/>

7) Honor Member of “**International Institute for Peace and Religions**” , Al-Mustaf International University, Qom (Iran) - <http://iipr.ir/>

8) Selected to be a Member of **ACS – American Chemical Society**  
(<http://www.acs.org/content/acs/en.html>)

## Compact CV - Paolo Di Sia (2022-10-27)

9) Regional Coordinator of **DKIRF** (DK International Research Foundation)  
(<http://dkirf.org/regional-coordinators/>)

10) Professional Member of the “**Association of Science, Education and Technology**” (TASET) (<https://www.taset.net/>)

11) International evaluator of the “**Turkish Higher Education Quality Council**” (THEQC)  
(<https://www.yokak.gov.tr/>)

### **Member of International Scientific Committees** **Editorial/Advisory Boards - Organizing Committee Member**

1) **MPA Tech Conference** - Nanomaterials, Processes and Applications of emerging Technologies <http://www.mpa-meeting.com/committees.asp>

2) International Conference **NanoSMat, September 2012**, Prague - **Czech Republic**

3) **International Teacher Education Conference** (2014-today) & **Member** of the **Organizing Committee 2016** - <http://www.ite-c.net>

4) **International Conference on New Horizons in Education** (2014-today) & **Member** of the **Organizing Committee 2016** - <http://www.int-e.net>

5) **International Educational Technology Conference** (2014-today) & **Member** of the **Organizing Committee 2016** - <http://iet-c.net>

6) **International Science and Technology Conference** (2014-today) & **Member** of the **Organizing Committee 2016** - <http://www.iste-c.net>

7) **International Distance Education Conference** - **Member** of the **Organizing Committee 2016** - <http://www.id-ec.net>

8) Organising Committee Member of the 2<sup>nd</sup> International Conference on **Surfaces, Coatings and Nanostructured Materials, “NanoSMat-Asia”, March 24-27, 2015**, Meliksah University, **Kayseri** (Turkey)

9) *Journal of Nanotechnology in Diagnosis and Treatment* (ISSN (online): 2311-8792)

10) *American Journal of Educational Research* (ISSN (Print): 2327-6126; ISSN (Online): 2327-6150)

11) *Journal of Modern Education Review* (ISSN: 2155-7993)

12) *International Journal of Physics* (ISSN (Print): 2333-4568; ISSN (Online): 2333-4576)

13) *Academic journal E-methodology* (ISSN: 2353-5881; e-ISSN: 2392-0688)

14) *Scienze e Ricerche* (AREA A - Scienze Matematiche, Fisiche e Naturali)  
<http://www.associazioneitalianadellibro.it>



## Compact CV - Paolo Di Sia (2022-10-27)

- 15) Member of the *college of referees* of *Scienze e Ricerche*  
<http://www.associazioneitalianadellibro.it>
- 16) Member of Editorial Board of *Journal of Nanoscience with Advanced Technology (JNAT)* (ISSN: 2059-5026)
- 17) Member of Editorial Board of *Journal of Education Culture and Society (JECS)* (ISSN: 2081-1640)
- 18) Member of Editorial Board of *Frontiers in Nanoenergy Technologies and Materials*  
<http://www.frontiersin.org>
- 19) Member of Editorial Board of *Journal of Bioinformatics and Intelligent Control (JBIC)* (ISSN: 2326-7496 (Print); EISSN: 2326-750X (Online))
- 20) Member of Advisory Board of *Frontiers of Astronomy, Astrophysics and Cosmology (FAAC)* - <http://www.sciepub.com/journal/FAAC>
- 21) Member of Advisory Board of *2014 International Conference on Interdisciplinary Research in Education (ICOINE2014)* - October 29-31, Milano (Italy)
- 22) Member of International Scientific Committee of the *2015 International Conference on Sustainable Energy and Environmental Engineering (SEEE2015)* - July 26-27, Phuket (Thailand)
- 23) Member of International Scientific Committee of the *2015 International Conference on Sustainable Energy and Environmental Engineering (SEEE2015)* - October 25-26, Bangkok (Thailand)
- 24) Member of International Scientific Committee of the **8<sup>th</sup> International Meeting on Particles and Fields**, April 20 - 22, 2016, COMSATS Institute of Information and Technology, Lahore (Pakistan)
- 25) Member of International Scientific Committee of the newly-founded **International Academic Journal "Edutainment"** (published both in print and on-line – open access) (Spring 2016)
- 26) Member of International Scientific Committee of **7<sup>th</sup> International Conference on Intercultural Education (Eduhem2016)** - June 15-17, Almeria (Spain)
- 27) Member of International Advisory Board of **International Contemporary Education Research Congress**, September 29 - October 02, 2016, Mugla (Turkey)
- 28) Member of Organising Committee of **11<sup>th</sup> International Conference on Surfaces, Coatings and Nanostructured Materials "NanoSMat"** - September 06-09, 2016, Aveiro (Portugal)
- 29) Member of International Committee of **International Conference on Nanotechnology in Medicine "Nanomed 2016"** - November 07-09, 2016, Warsaw (Poland)

## Compact CV - Paolo Di Sia (2022-10-27)

30) Member of Editorial Board of **SCIOL Biomedicine Journal**  
[http://sbiomedicine.com/editorial\\_board.php](http://sbiomedicine.com/editorial_board.php)

31) Member of Editorial Board of **INTERNATIONAL JOURNAL OF INNOVATION IN SCIENCE AND MATHEMATICS (IJISM)**  
(ISSN: 2347 - 9051)  
[http://ijism.org/index.php?option=com\\_content&view=article&id=44:2019&catid=14&Itemid=209](http://ijism.org/index.php?option=com_content&view=article&id=44:2019&catid=14&Itemid=209)

32) Member of Technical Program Committee of the **4<sup>th</sup> International Conference on Education and Social Development** (ICESD 2019), January 19-20, 2019, Shenzhen (China)  
<http://www.icesd-2019.com/page/CO/committee.php>

33) Member of Editorial Board of **Ergonomics International Journal (EOIJ)** - ISSN: 2577-2953  
<https://medwinpublishers.com/EOIJ/editorial-board.php>

34) International Program Committee Member of the **5<sup>th</sup> International Conference on Sensors and Electronic Instrumentation Advances (SEIA' 2019)**, Canary Islands (Tenerife), 25-27 September 2019  
<http://www.seia-conference.com/>

35) Member of Editorial Board of **EPH Journal** - <https://ephjournal.com/>

36) Member of Editorial Board of **Science Research Association** (scirea) - **Journal of Sociology**  
<http://www.scirea.org/journal/EditorialBoard?journalID=84000#6561>

37) Member of Editorial Board of **International Journal of Sensors**  
<http://www.remedypublications.com/international-journal-of-sensors/editorialboard.html>

38) Member of Editorial Board of **Advances in Nanomedicine and Nanotechnology Research**  
<http://www.scitcentral.com/editorboard.php?journal=27>

39) Member of Editorial Board of **NeuroQuantology** (Interdisciplinary Journal of Neuroscience and Quantum Physics)  
<http://www.neuroquantology.com/index.php/journal/about/editorialTeam>

40) Member of Editorial Team of **INTERNATIONAL JOURNAL FOR RESEARCH IN BIOLOGY & PHARMACY** (ISSN: 2208-2093)  
<https://gnpublication.org/index.php/bp/about/editorialTeam>

41) Member of Editorial Board of **INTERNATIONAL JOURNAL OF APPLIED SCIENCE AND MATHEMATICS (IJASM)**  
(ISSN: 2394-2894)  
<http://www.ijasm.org/index.php/editors/78-editorial-board-2018>

42) Member of Editorial Board of the **5<sup>th</sup> International Conference on Nano Medicine and Nano Technology**, Bangkok, Thailand, April 22-23, 2020  
<http://nanotechcongress.alliedacademies.com/organizing-committee>

## Compact CV - Paolo Di Sia (2022-10-27)

43) Member of International Scientific Advisory Board of the **World Chemistry Forum "WCF 2020"**, Osaka, Japan, May 22-24, 2020  
<http://www.istci.org/wcf2020/OrganizingCommittee.asp>

44) Member of the Editorial Team of **International Journal For Research In Biology & Pharmacy** (ISSN: 2208-2093)  
<https://gnpublication.org/index.php/bp/about/editorialTeam>

45) Organizing Committee Member of the **Global Congress and Expo on Nano/Molecular Medicine and Engineering**, Osaka, Japan, March 22-23, 2021.  
<https://www.scientificfederation.com/nanomolecular-medicine/committee.php>

46) Organizing Committee Member of the **27<sup>th</sup> International Congress on Nursing and Primary Health Care**, Zurich, Switzerland, July 29-30, 2020.

47) Member of Editorial Board of **Journal of Material Sciences & Manufacturing Research**  
<https://www.onlinescientificresearch.com/journal-of-material-sciences-manufacturing-research-editorial-board-jmsmr.php>

48) Member of Reviewer Board of **International Journal of Engineering and Innovative Technology (IJEIT)**  
<https://www.ijeit.com/page/editorial%20board.html>

49) Editorial Board Membership - **World Scientific News** - An International Scientific Journal - EISSN: 2392-2192  
<http://www.worldscientificnews.com/editors/>

### Linguistic Skills

- 1) **Italian: Mother Tongue**
- 2) **English: independent and competent use** (Written and Spoken) (*Advanced* - C1 level)
- 3) **German: independent and competent use** (Written, Spoken) (*Advanced* - C1 level)
- 4) **Spanish: mastery of basic language** (Written, Spoken) (A2-B1 level)
- 5) **Norwegian: mastery of basic language** (Written, Spoken) (A1-A2 level)

Already held academic courses in English and German

### Books Editor- Editor

- 1) **Science and applications of Tailored Nanostructures**  
ISBN (eBook): 978-1-910086-19-3  
Publisher: One Central Press (OCP) (2017)  
(editor)  
<http://www.onecentralpress.com/science-and-applications-of-tailored-nanostructures/>

## Compact CV - Paolo Di Sia (2022-10-27)

### 2) *Advanced Materials and their Applications: Micro to nano scale*

ISBN (eBook): 978-1-910086-21-6

Publisher: One Central Press (OCP) (2018)

(co-editor)

<http://www.onecentralpress.com/advanced-materials-and-their-applications-micro-to-nano-scale/>

### 3) Editor on Academia.edu (Jan 2019)

### 4) *Handbook of Smart Materials, Technologies, and Devices*

Publisher: Springer Nature (2021)

(co-editor)

<https://meteor.springer.com/smartmaterials>

<https://meteor.springer.com/smartmaterials/?id=1100&tab=About&mode=ReadPage&entity=8548>

### 5) Topic Editor (Topic Editorial Board Member) (2021-01-31)

*Symmetry* (ISSN 2073-8994; CODEN: SYMMAM)

I.F.: 2.645 (2019)

<https://www.mdpi.com/journal/symmetry>

[https://www.mdpi.com/journal/symmetry/topic\\_editors](https://www.mdpi.com/journal/symmetry/topic_editors)

## Publications

Globally author of more than 300 works to date (papers on national and international journals, international book chapters, books, inner academic notes, works on scientific web-pages, popular works)

## Selected Papers

- P. Di Sia

***“Quantum-Relativistic Effects at the Nanolevel: Analysis of the Mean Square Deviation of Position with a new Analytical Model”***

Special Issue “Quantum Confinement Effects in Nano Material”

International Journal "Recent Progress in Materials" - ISSN 2689-5846

<http://www.lidsen.com/journals/rpm>

(Deadline planned: 2023-03-31)

- Invited by Prof. Ronald P. Gruber (Stanford University) to submit a commentary related to ***“Physical Time Within Human Time”***

Gruber R.P., Block R.A. and Montemayor C. (2022), Physical Time Within Human Time, *Frontiers in Psychology* 13:718505, doi: 10.3389/fpsyg.2022.718505.

- P. Di Sia

***“Quantum Physics between Matter, Information and Consciousness: the Case of Quantum Medicine”***

Presented at the **“International Science and Technology Conference” (ISTEC), September 01-02, 2022, NICOSIA, TRNC (North Cyprus)**

<http://www.iste-c.net/keynotes>

- P. Di Sia

***“Post-transhuman technoscience as help or threat: an overview with emphasis on a current nanotechnology application”***

Ergonomics International Journal (EOIJ) - ISSN: 2577-2953

<https://medwinpublishers.com/EOIJ/post-trans-human-techno-science-as-help-or-threat-an-overview-with-emphasis-on-a-current-nanotechnology-application.pdf>

Volume 6, Issue 3: 000293 (8 pp) (2022)

DOI: 10.23880/eoij-16000293

(I.F.: **1.9568**)

Indexed in & Member: <https://medwinpublishers.com/EOIJ/>

- P. Di Sia

***“Analytical modelling for sensitivity improvement of nano-bio-devices”***

INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH AND MODERN EDUCATION (IJSRME)

International Refereed Research Journal

ISO: 9001-2015 Certified Journal

ISSN: 2455 - 5630 - <http://ijsrme.rdmodernresearch.com/>

Volume 7, Issue 1, pp. 4-10 (2022)

<http://ijsrme.rdmodernresearch.com/article-issues/?cid=23>

DOI: <https://doi.org/10.5281/zenodo.5949062>

UOI License: <http://u-o-i.org/1.01/09052014-IJSRME-/69853214>

(I.F.: **7.137**)

Indexed: <http://ijsrme.rdmodernresearch.com/indexing/>

- P. Di Sia

***“On distance learning in Italy during the Covid-19 emergency”***

International Academic Journal **E-methodology** (PSP - Pro Scientia Publica)

(ISSN: 2353-5881; e-ISSN: 2392-0688) - N. 7(7), pp. 17-26 (2021)

<https://doi.org/10.15503/emet2020.17.26>

<https://e-methodology.eu/index.php/e-methodology/issue/view/47>

<https://e-methodology.eu/index.php/e-methodology/article/view/1401>

(2017 ICV: **100.00**)

- P. Di Sia, N. K. Bhadra

***“About Consciousness, Subtle Energies and Unification”***

Ergonomics International Journal (EOIJ), ISSN: 2577-2953

<https://medwinpublishers.com/EOIJ/>

<https://medwinpublishers.com/EOIJ/about-consciousness-subtle-energies-and-unification.pdf>

Volume 5, Issue 6: 000279 (4 pp) (2021)

DOI: 10.23880/eoij-16000279

(I.F.: **1.9568**)

Indexed in & Member: <https://medwinpublishers.com/EOIJ/>

- P. Di Sia

***New Results on Diffusion in Graphene Nanostructures for Sensoristics***

Nano Hybrids and Composites

ISSN: 2297-3400, Trans Tech Publications Ltd, Switzerland

Vol. 33, pp. 61-72 (2021)

<https://www.scientific.net/NHC/Details>

## Compact CV - Paolo Di Sia (2022-10-27)

- P. Di Sia

### ***Birth, development and applications of quantum physics: a transdisciplinary approach***

World Scientific News, EISSN: 2392-2192 - <http://www.worldscientificnews.com/>

Vol. 160, pp. 232-246 (2021)

<http://www.worldscientificnews.com/wp-content/uploads/2021/07/WSN-160-2021-232-246.pdf>

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2019 ICV: **98.95**)

- P. Di Sia

### ***On the relevance of biosurfactant for contaminated soil and diesel degradation***

World Scientific News, EISSN: 2392-2192 - <http://www.worldscientificnews.com/>

Vol. 159, pp. 195-209 (2021)

<http://www.worldscientificnews.com/wp-content/uploads/2021/06/WSN-159-2021-195-209.pdf>

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2019 ICV: **98.95**)

- P. Di Sia

### ***Interdisciplinary insights about the concept of time***

INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH AND MODERN EDUCATION (IJSRME)

ISSN: 2455 - 5630 - <http://ijsrme.rmodernresearch.com/>

Vol. 6, Issue 1, pp. 14-16 (2021)

<http://ijsrme.rmodernresearch.com/article-issues/?cid=20>

DOI: <http://doi.org/10.5281/zenodo.4727049>

UOI License: <http://u-o-i.org/1.01/09052014-IJSRME-/69555529>

(I.F.: **7.137**)

Indexed: <http://ijsrme.rmodernresearch.com/indexing/>

- P. Di Sia

### ***ON ADVANCES OF CONTEMPORARY PHYSICS ABOUT TOTALITY***

International Journal of Multidisciplinary Research and Modern Education (IJMRME)

ISSN (Online): 2454 - 6119 - <http://rdmodernresearch.org/>

Vol. 7, Issue 1, pp. 8-12 (2021)

<http://rdmodernresearch.org/index.php/article-issues/?cid=24>

DOI: <http://doi.org/10.5281/zenodo.4642485>

UOI License: <http://u-o-i.org/1.01/19121985-IJMRME-/36998524>

(I.F.: **7.315**)

Indexed: <http://rdmodernresearch.org/index.php/indexing/>

- P. Di Sia

### ***ON THE CONCEPT OF TIME IN EVERYDAY LIFE AND BETWEEN PHYSICS AND MATHEMATICS***

Ergonomics International Journal (EOIJ), ISSN: 2577-2953

<https://medwinpublishers.com/EOIJ/>

<https://medwinpublishers.com/EOIJ/on-the-concept-of-time-in-everyday-life-and-between-physics-and-mathematics.pdf>

Vol. 5, Issue 2, 000268 (8 pp) (2021)

DOI: 10.23880/eoij-16000268

(I.F.: **1.9568**)

Indexed in & Member: <https://medwinpublishers.com/EOIJ/>

- P. Di Sia

***A new unified theory based on the “Primordial Dynamic Space” structure***

Preprint DOI: 10.31219/osf.io/26s35

<https://osf.io/26s35>

(Jan 2021)

- P. Di Sia

***On philosophy of mind, quantum physics and metaphysics of the uni-multiverse***

PHILOSOPHICAL NEWS - Official publication of the European Society for Moral Philosophy,  
ISSN/ISBN: 9788869771170

In: “ON THE OCCASION OF THE 100<sup>TH</sup> ANNIVERSARY OF G.E.M. ANSCOMBE'S BIRTH” (July 2019), Mimesis  
International, Milan-London, N. 18, pp. 161-174 (2020).

[https://mimesisjournals.com/riviste\\_filosofia\\_philosophical\\_news.php](https://mimesisjournals.com/riviste_filosofia_philosophical_news.php)

[https://mimesisjournals.com/magazine\\_item\\_detail\\_front\\_phpnews.php?item\\_id=268](https://mimesisjournals.com/magazine_item_detail_front_phpnews.php?item_id=268)

- P. Di Sia

***Looking at the new digital school: didactics 2.0 and school 2.0***

International Academic Journal *E-methodology* (PSP - Pro Scientia Publica)

(ISSN: 2353-5881; e-ISSN: 2392-0688) - N. 6, pp. 9-20 (2020)

(2017 ICV: **100.00**)

- P. Di Sia

***About Some Difficulties of Cosmology and New Ideas for Solving Them***

Ergonomics International Journal (EOIJ), ISSN: 2577-2953

<https://medwinpublishers.com/EOIJ/volume.php?volumeId=323&issueId=932>

<https://medwinpublishers.com/EOIJ/EOIJ16000231.pdf>

Vol. 4, Issue 2, 000231 (5 pp) (2020)

(I.F.: **1.9568**)

Indexed in & Member: <https://medwinpublishers.com/EOIJ/>

- P. Di Sia, N. K. Bhadra

***Everything in a part: about the creation of universe and consciousness***

Ergonomics International Journal (EOIJ), ISSN: 2577-2953

<https://medwinpublishers.com/EOIJ/index.php>

Vol. 4, Issue 1, 000228 (6 pp) (2020)

(I.F.: **1.9568**)

Indexed in & Member: <https://medwinpublishers.com/EOIJ/>

- P. Di Sia, N. K. Bhadra

***Origin of living matter by a new model of consciousness***

World Scientific News, EISSN: 2392-2192 - <http://www.worldscientificnews.com/>

Vol. 143, pp. 67-78 (2020)

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2018 ICV: **95.55**) (MNiSW 2019: **5** points)

- P. Di Sia, N. K. Bhadra

***Origin of consciousness and contemporary physics***

World Scientific News, EISSN: 2392-2192 - <http://www.worldscientificnews.com/>

Vol. 140, pp. 127-138 (2020)

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2018 ICV: **95.55**) (MNiSW 2019: **5** points)

- P. Di Sia

***A CULTURAL OVERVIEW ON THE CONCEPT OF INFINITY***

International academic semi-annual "Journal of Education, Culture and Society"

ISSN: 2081-1640 / DOI: 10.15503/jecs20141-9-19

Vol. 1, N. 1, pp. 17-38 (June 30, 2019)

(2015 ICV: **92.11**)

- P. Di Sia, N. K. Bhadra

***MIND AND CONSCIOUSNESS AS CREATED BY ELECTROMAGNETIC FORCE***

International Journal of Applied and Advanced Scientific Research (IJAASR)

(ISSN (Online): 2456 - 3080) - <http://www.dvpublication.com/>, Vol. 4, Issue 1, pp. 1-6 (2019)

DOI: <http://doi.org/10.5281/zenodo.2573101>

UOI License: <http://u-o-i.org/1.01/IJAASR/31278554>

(I.F.: **5.655**)

- P. Di Sia

***On surface electron mobility of nanomaterials for cancer nanotechnology***

International Journal of Applied and Advanced Scientific Research (IJAASR)

(ISSN (Online): 2456 - 3080) - <http://www.dvpublication.com/>, Vol. 3, Issue 2, pp. 46-50 (2018)

DOI: <http://doi.org/10.5281/zenodo.2521284>

UOI License: <http://u-o-i.org/1.01/IJAASR/10448696>

(I.F.: **5.655**)

- P. Di Sia

***A SOLUTION TO THE 80 YEARS OLD PROBLEM OF THE NUCLEAR FORCE***

International Journal of Applied and Advanced Scientific Research (IJAASR)

(ISSN (Online): 2456 - 3080) - <http://www.dvpublication.com/>, Vol. 3, Issue 2, pp. 34-37 (2018)

DOI: <http://doi.org/10.5281/zenodo.1472981>

UOI License: <http://u-o-i.org/1.01/IJAASR/40876183>

(I.F.: **5.655**)

- P. Di Sia

***Nanotoxicology and human health***

World Scientific News, EISSN: 2392-2192 - <http://www.worldscientificnews.com/>

Vol. 100, pp. 86-98 (2018)

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2017 ICV: **83.79**) (MNiSW 2017: **6 pkt**)

- P. Di Sia

***Quantum-Relativistic Velocities in Nano-Transport***

Applied Surface Science (ISSN: 0169-4332) - <https://doi.org/10.1016/j.apsusc.2018.01.273>

N. 446, pp. 187-190 (2018)

(2019 I.F.: **6.182**)

- P. Di Sia

***Mindfulness, Consciousness and Quantum Physics***

World Scientific News, EISSN: 2392-2192 - <http://www.worldscientificnews.com/>

N. 96, pp. 25-34 (2018)

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2017 ICV: **83.79**) (MNiSW 2017: **6 pkt**)



- P. Di Sia

***Looking at the Quantum Internet***

International Academic Journal E-methodology (PSP - Pro Scientia Publica)

(ISSN: 2353-5881; e-ISSN: 2392-0688), Issue 4, pp. 31-35 (2017)

doi: 10.15503/emet2017.31.35

(2017 ICV: **100.00**)

- P. Di Sia

***Quantum Physics, Metaphysics, Theism: Interpretations, Ontologies, Theological Remarks***

World Scientific News, EISSN: 2392-2192 - <http://www.worldscientificnews.com/>

Vol. 74, pp. 106-120 (2017)

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2017 ICV: **83.79**) (MNI SW 2017: **6 pkt**)

- P. Di Sia

***Interpretations of the Concept of Probability: an Introduction***

TOJET (The Online Journal of Educational Technology) (ISSN: 2146-7242)

pp. 1259-1263 (Nov 2016)

(Indexed: Education Resources Information Center - ERIC - SCOPUS - ELSEVIER)

- P. Di Sia

***Geometric coupling of vector multiplets with  $D=4$ ,  $N=1$  supergravity***

International Journal of Innovative Science, Engineering and Technology (IJSET)

(ISSN: 2348-7968), Vol. 3, Issue 8, pp. 61-66 (2016)

(2015 I.F.: **4.332**)

- P. Di Sia

***Geometric construction of action for pure supergravity coupled to Wess-Zumino multiplets***

International Research Journal of Engineering and Technology (IRJET)

(e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 3, Issue 2, pp. 10-14 (2016)

(2016 I.F.: **5.181**)

- P. Di Sia

***A Historical-Teaching Introduction to Algebra***

International Letters of Social and Humanistic Sciences (ILSHS) (ISSN: 2300-2697)

Vol. 66, pp. 154-161 (2016) - doi: 10.18052/www.scipress.com/ILSHS.66.154

(2014 ICV: **76.07**)

- P. Di Sia

***Advances in Analytical Modelling for (Nano)medicine***

International Journal of Innovative Science, Engineering and Technology (IJSET)

(ISSN: 2348-7968), Vol. 3, Issue 5, pp. 511-515 (2016)

(2015 I.F.: **4.332**)

## Compact CV - Paolo Di Sia (2022-10-27)

- **P. Di Sia**, I. Licata

### ***Nano-Modelling and Computation in Bio and Brain Dynamics***

Bioengineering, 3, 11 (7 pp.) (ISSN 2306-5354; CODEN: BIOEBG) (2016)

doi:10.3390/bioengineering3020011

(**Indexing & Abstracting Services:** CAS - Chemical Abstracts (ACS), DOAJ - Directory of Open Access Journals -

**Full-text Archives:** e-Helvetica (Swiss National Library Digital Archive) - **Content Aggregators:** J-Gate (Informatics India))

- **P. Di Sia**

### ***Geometric coupling of scalar multiplets to $D=4$ , $N=1$ pure supergravity***

International Research Journal of Engineering and Technology (**IRJET**)

(e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 2, Issue 9, pp. 78-84 (2015)

(2016 I.F.: **5.181**)

- **P. Di Sia**

### ***A new analytical transport model for (nano)physics***

International Research Journal of Engineering and Technology (**IRJET**)

(e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 2, Issue 7, pp. 1-4 (2015)

(2016 I.F.: **5.181**)

- **P. Di Sia**

### ***Geometric construction of $D=4$ , $N=1$ pure supergravity***

International Research Journal of Engineering and Technology (**IRJET**)

(e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 2, Issue 4, pp. 16-20 (2015)

(2016 I.F.: **5.181**)

- **P. Di Sia**

### ***Rheonomic principle, Bianchi identities and supergravity***

International Journal of Innovative Science, Engineering and Technology (**IJISSET**)

(ISSN: 2348-7968), Vol. 2, Issue 5, pp. 615-619 (2015)

(2015 I.F.: **4.332**)

- **P. Di Sia**

### ***Advances in Analytical Modeling for Nano-Bio-Technology***

Journal of Nanoscience with Advanced Technology (**JNAT**)

(ISSN: 2059-5026), Vol. 1, Issue 1, pp. 1-3 (2015)

(**Indexed:** Google Scholar, Crossref, J-Gate, ResearchBib)

- **P. Di Sia**

### ***About the concept of particle: an introduction***

International Research Journal of Engineering and Technology (**IRJET**)

(e-ISSN: 2395-0056, p-ISSN: 2395-0072), Vol. 2, Issue 5, pp. 703-706 (2015)

(2016 I.F.: **5.181**)

- **P. Di Sia**

### ***Present and Future of Nano-Bio-Technology: Innovation, Evolution of Science, Social Impact***

**TOJET** (The Online Journal of Educational Technology) (ISSN: 2146-7242)

Special Issue 2 for INTE 2015, July 2015, pp. 442-449

(**Indexed:** SCOPUS, ERIC, EBSCO ONLINE, and EBSCO CD ROM Database, DOAJ and AERA SEG)

- P. Di Sia

***About the importance of supersymmetry and superspace for supergravity***

International Journal of Innovative Science, Engineering and Technology (IJISSET)  
(ISSN: 2348-7968), Vol. 2, Issue 4, pp. 495-500 (2015)  
(2015 I.F.: **4.332**)

- P. Di Sia

***Kähler manifolds as target space of supergravity theories: characteristics for  $D=4$ ,  $N=1$  theory***

International Journal of Current Research (ISSN: 0975-833X)  
Vol. 7, Issue 1, pp. 11971-11980 (2015)  
(2015 I.F.: **6.226**)

- P. Di Sia

***About the existence of the universe among speculative physics, metaphysics and theism: an interesting overview***

International Letters of Social and Humanistic Sciences (ILSHS)  
(ISSN: 2300-2697), N. 9(1), pp. 36-43 (2015)  
(2014 ICV: **76.07**)

- P. Di Sia

***Approaching youngs to unified theories: the charm of string theories***

Procedia - Social and Behavioral Sciences Journal (Elsevier)  
(ISSN: 1877-0428), N. 174C, pp. 10-16 (2015)  
(Indexed: Scopus, Eric)

- P. Di Sia

***Looking at the Dimension of Time among Science, Psychology and Everyday Reality***

International Letters of Social and Humanistic Sciences (ILSHS)  
(ISSN: 2300-2697), N. 1(2), pp. 146-153 (2015)  
(2014 ICV: **76.07**)

- P. Di Sia

***Analytical Nano-Modelling for Neuroscience and Cognitive Science***

Journal of Bioinformatics and Intelligent Control (ISSN: 2326-7496; E-ISSN: 2326-750X)  
Vol. 3, N. 4, pp. 268-272 (2014) - doi:10.1166/jbic.2014.1097

- P. Di Sia

***Relativistic nano-transport and artificial neural networks: details by a new analytical model***

International Journal of Artificial Intelligence and Mechatronics (IJAIM)  
(ISSN: 2320-5121), Vol. 3, Issue 3, pp. 96-100 (2014)  
(2014 ICV: **77.34**)

- P. Di Sia

***Present and Future of Nanotechnologies: Peculiarities, Phenomenology, Theoretical Modelling, Perspectives***

Reviews in Theoretical Science, American Scientific Publishers  
ISSN: 2327-1515 (print) - 2327-1523 (online), Vol. 2(2), pp. 146-180 (2014)

## Compact CV - Paolo Di Sia (2022-10-27)

- P. Di Sia

### ***Overview of Drude-Lorentz type models and their applications***

Nanoscale Systems: Mathematical Modeling, Theory and Applications

ISSN: 2299-3290, N. 3, pp. 1-13 (2014)

(**Indexed:** Celdes, CNPIEC, EBSCO Discovery Service, Google Scholar, Inspec, J-Gate, Naviga (Softweco), Primo Central (ExLibris), ProQuest (relevant databases), ReadCube, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WorldCat (OCLC), Zentralblatt Math)

- P. Di Sia

### ***About the peculiar Aspects of Relativity and beyond: a pedagogical Perspective***

American Journal of Educational Research

(ISSN (Print): 2327-6126; ISSN (Online): 2327-6150) - doi: 10.12691/education-2-6-4

Vol. 2, n. 6, pp. 357-360 (2014)

(2013 I.F.: **1.2033**)

- P. Di Sia

### ***A New Analytical Model for the Analysis of Economic Processes***

Theoretical Economics Letters

ISSN Online: 2162-2086 - ISSN Print: 2162-2078, doi: 10.4236/tel.2013.34041

Vol.3, N.4, pp. 245-250 (2013)

(I.F.: **0.82**)

- P. Di Sia

### ***Exciting Peculiarities of the Extreme Physics***

Journal of Physics: Conference Series, Online ISSN: 1742-6596 - Print ISSN: 1742-6588

N. 442(1), p. 012068 (6 pp.) (2013)

(I.F.: **1.766**)

- P. Di Sia

### ***About the Influence of Temperature in Single-Walled Carbon Nanotubes: Details from a new Drude-Lorentz-like Model***

Applied Surface Science, ISSN: 0169-4332

N. 275, pp. 384-388 (2013)

(2019 I.F.: **6.182**)

- P. Di Sia

### ***Nature and Development of Econophysics: a short Report***

Theoretical Economics Letters

ISSN Online: 2162-2086 - ISSN Print: 2162-2078, doi: 10.4236/tel.2012.22032

N. 2, pp. 183-185 (2012)

(I.F.: **0.82**)

- P. Di Sia

### ***An Analytical Transport Model for Nanomaterials: The Quantum Version***

Journal of Computational and Theoretical Nanoscience

ISSN: 1546-1955 (Print) - EISSN: 1546-1963 (Online)

Vol. 9(1), pp. 31-34 (2012)

(2014 I.F.: **1.032**)

## Compact CV - Paolo Di Sia (2022-10-27)

- P. Di Sia

### ***Extreme Physics and Informational/Computational Limits***

Journal of Physics: Conference Series, Online ISSN: 1742-6596 - Print ISSN: 1742-6588

N. 306, p. 012067 (8 pp.) (2011)

(I.F.: **1.766**)

- P. Di Sia

### ***An Analytical Transport Model for Nanomaterials***

Journal of Computational and Theoretical Nanoscience

ISSN: 1546-1955 (Print) - EISSN: 1546-1963 (Online)

Vol. 8, pp. 84-89 (2011)

(2014 I.F.: **1.032**)

## **Inner Academic Publications**

24) P. Di Sia

**“Physik I”** (in Italian/German language)

Free University of Bozen-Bolzano (Italy) (A. Y. 2019-2020)

23) P. Di Sia

**“Informatica, attività seminariali”**

Department of Neuroscience, University of Padova (Italy) (A. Y. 2019-2020)

22) P. Di Sia

**“Elementi di Fisica per l’Università”** (extended version)

“La Tecnica Service”, Via Paolotti 5/A, 35121 Padova (Italy) (Sept 2019)

21) P. Di Sia

**“Physik: Mechanik und Thermodynamik”** (in German language)

Free University of Bozen-Bolzano (Italy) (A. Y. 2018-2019)

20) P. Di Sia

**“Elementi di Fisica per l’Università”**

University of Padova (Italy) (A. Y. 2018-2019)

11-19) P. Di Sia

a) **“Introduzione all’Informatica”**

b) **“Sistema operativo (SO) e interfaccia grafica con l’utente (GUI)”**

c) **“Web 2.0”**

d) **“Introduzione a Microsoft Word”**

e) **“Introduzione a Powerpoint”**

f) **“Introduzione a Excel”**

g, h) **“Introduzione a PubMed”** (1) and (2)

i) **“SPID e CCE”**

Department of Neuroscience, University of Padova (Italy) (A. Y. 2017-2018)

## Compact CV - Paolo Di Sia (2022-10-27)

### 9-10) P. Di Sia

- a) "Lezioni di Fisica 2"
- b) "Esercizi di Fisica 2"

School of Engineering, University of Padova (Italy) (A. Y. 2017-2018)

### 8) P. Di Sia

"Tra scienza, filosofia e religione: la fisica moderna incontra la fede"

Higher Institute of Religious Science (Bolzano (Italy)) (A. Y. 2015-2016)

### 5-7) P. Di Sia

"Formazione specialistica dell'insegnante e preparazione della tesi - matematico / scientifica"

Free University of Bolzano-Bozen, Faculty of Education (2012-2013)

(3 parts)

- a) *Part I: Preparazione della tesi* (November 2012)
- b) *Part II: Il focus group* (January 2013)
- c) *Part III: Il cooperative learning* (January 2013)

### 4) P. Di Sia

"Appunti di Didattica della Matematica II (laboratorio)", Free University of Bolzano-Bozen, Faculty of Education (2012)

### 3) P. Di Sia

"Nozioni di Statistica e Probabilità", course "Data and Predictions" (2008) - <http://www.giorgivir.it/>

### 2) P. Di Sia

"Note di Analisi Matematica 2", CUSL - Il Sentiero, Verona (2004) - <http://www.cuslvr.it/>

### 1) P. Di Sia

"Esercizi di Fisica 2", CUSL - Il Sentiero, Verona (2000) - <http://www.cuslvr.it/>

## Books and Monographs (selected)

### - P. Di Sia

"BASI CONCETTUALI DI PROBABILITÀ E STATISTICA - Teoria ed Esercizi"

Publisher: Independently published

ISBN-13: 979-8694416849

Format: Kindle Edition & Large Print

(October 2020)

[https://www.amazon.com/BASI-CONCETTUALI-PROBABILIT%C3%81-STATISTICA-Esercizi-ebook/dp/B08KSBDBV7/ref=sr\\_1\\_1?dchild=1&keywords=paolo+di+sia+matematica&qid=1602510178&sr=8-1](https://www.amazon.com/BASI-CONCETTUALI-PROBABILIT%C3%81-STATISTICA-Esercizi-ebook/dp/B08KSBDBV7/ref=sr_1_1?dchild=1&keywords=paolo+di+sia+matematica&qid=1602510178&sr=8-1)

[https://www.amazon.com/BASI-CONCETTUALI-PROBABILIT%C3%81-STATISTICA-Esercizi/dp/B08KLT2JR3/ref=tmm\\_pap\\_title\\_0?encoding=UTF8&qid=1602510178&sr=8-1](https://www.amazon.com/BASI-CONCETTUALI-PROBABILIT%C3%81-STATISTICA-Esercizi/dp/B08KLT2JR3/ref=tmm_pap_title_0?encoding=UTF8&qid=1602510178&sr=8-1)

### - P. Di Sia

"BASI CONCETTUALI DI MATEMATICA - ANALISI ZERO"

Publisher : Independently published

ISBN-13 : 979-8682441495

Format: Kindle Edition & Large Print

## Compact CV - Paolo Di Sia (2022-10-27)

(September 2020)

[https://www.amazon.com/dp/B08HGZW4QL?ref=pe\\_3052080\\_397514860](https://www.amazon.com/dp/B08HGZW4QL?ref=pe_3052080_397514860)

[https://www.amazon.com/BASI-CONCETTUALI-MATEMATICA-ANALISI-Italian-ebook/dp/B08HDD9LFF/ref=sr\\_1\\_1?dchild=1&qid=1599261168&refinements=p\\_27%3APAULO+DI+SIA&s=books&sr=1-1&text=PAULO+DI+SIA](https://www.amazon.com/BASI-CONCETTUALI-MATEMATICA-ANALISI-Italian-ebook/dp/B08HDD9LFF/ref=sr_1_1?dchild=1&qid=1599261168&refinements=p_27%3APAULO+DI+SIA&s=books&sr=1-1&text=PAULO+DI+SIA)

- P. Di Sia

**“BASI CONCETTUALI DI MATEMATICA - ANALISI UNO”**

Publisher : Independently published

ISBN-13 : 979-8684347948

Format: Kindle Edition & Large Print

(September 2020)

[https://www.amazon.it/BASI-CONCETTUALI-MATEMATICA-ANALISI-UNO-ebook/dp/B08HQM924P/ref=sr\\_1\\_8?\\_mk\\_it\\_IT=%C3%85M%C3%85%C5%BD%C3%95%C3%91&dchild=1&keywords=paolo+di+sia&qid=1599829974&sr=8-8](https://www.amazon.it/BASI-CONCETTUALI-MATEMATICA-ANALISI-UNO-ebook/dp/B08HQM924P/ref=sr_1_8?_mk_it_IT=%C3%85M%C3%85%C5%BD%C3%95%C3%91&dchild=1&keywords=paolo+di+sia&qid=1599829974&sr=8-8)

[https://www.amazon.it/BASI-CONCETTUALI-MATEMATICA-ANALISI-UNO/dp/B08HRZJ4BN/ref=tmm\\_pap\\_title\\_0?encoding=UTF8&qid=1599829974&sr=8-8](https://www.amazon.it/BASI-CONCETTUALI-MATEMATICA-ANALISI-UNO/dp/B08HRZJ4BN/ref=tmm_pap_title_0?encoding=UTF8&qid=1599829974&sr=8-8)

- P. Di Sia

**“ELEMENTI DI FISICA - MECCANICA”**

Publisher : Independently published

ISBN-13 : 979-8686985414

Format: Kindle Edition & Large Print

(September 2020)

[https://www.amazon.it/Elementi-Fisica-Meccanica-PAOLO-SIA/dp/B08JDTMLWQ/ref=tmm\\_pap\\_title\\_0?encoding=UTF8&qid=1600467688&sr=8-2](https://www.amazon.it/Elementi-Fisica-Meccanica-PAOLO-SIA/dp/B08JDTMLWQ/ref=tmm_pap_title_0?encoding=UTF8&qid=1600467688&sr=8-2)

[https://www.amazon.it/Elementi-Fisica-Meccanica-PAOLO-SIA-ebook/dp/B08J841BCW/ref=sr\\_1\\_2?\\_mk\\_it\\_IT=%C3%85M%C3%85%C5%BD%C3%95%C3%91&dchild=1&keywords=paolo+di+sia&qid=1600467688&sr=8-2](https://www.amazon.it/Elementi-Fisica-Meccanica-PAOLO-SIA-ebook/dp/B08J841BCW/ref=sr_1_2?_mk_it_IT=%C3%85M%C3%85%C5%BD%C3%95%C3%91&dchild=1&keywords=paolo+di+sia&qid=1600467688&sr=8-2)

- P. Di Sia

**“Fine-Tuning, Universo, Multiverso - tra Scienza, Filosofia e Teismo”**

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2019)

ISBN 978-88-255-2943-2, formato 17 x 24 cm, 136 pp.

<http://www.aracneeditrice.it/index.php/pubblicazione.html?item=9788825529432>

- P. Di Sia

**“Mathematics and Physics for Nanotechnology”**

**“Technical Tools and Modelling”**

Pan Stanford Publishing (<http://www.panstanford.com/>)

ISBN 9789814800020 - CAT# K409819

(230 Pages) (February 04, 2019)

<https://www.crcpress.com/Mathematics-and-Physics-for-Nanotechnology-Technical-Tools-and-Modelling/Sia/p/book/9789814800020>

- P. Di Sia

**“FISICA MODERNA, COSCIENZA, MULTIVERSO, AZIONE DIVINA”**

**Problemi, dubbi, convergenze**

Publisher: Stamen (<https://www.edizionistamen.net/>)

Series: The Human and the Divine

Edition year: 2018

On sale from: December 22, 2018

Pages: 206 pp., Ill. , Paperback

ISBN: 9788831928304

<https://www.ibs.it/fisica-moderna-coscienza-multiverso-azione-libro-paolo-di-sia/e/9788831928304?inventoryId=132142751>

## Compact CV - Paolo Di Sia (2022-10-27)

- P. Di Sia

**“ $D = 4, N = 1$  supergravity in superspace: general overview and technical analysis”**

World Scientific News (<http://www.worldscientificnews.com/>), EISSN 2392-2192

WSN 94(1), pp. 1-71 (2018)

<http://www.worldscientificnews.com/wp-content/uploads/2017/12/WSN-941-2018-1-71.pdf>

Abstracting and Indexing: <http://www.worldscientificnews.com/abstracting-and-indexing/>

(2017 ICV: **83.79**) (MNI SW 2017: **6 pkt**)

- P. Di Sia

**“Supergravità nel superspazio: panoramica generale e analisi tecnica”**

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2014)

ISBN 978-88-548-7875-4, formato 17 x 24 cm, 152 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/pubblicazione.html?item=9788854878754>

- P. Di Sia

**“Nano-bio-tecnologie: stato dell'arte, modellistica matematica, prospettive”**

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2014)

ISBN 978-88-548-7254-7, 17 x 24 cm, 164 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/pubblicazione.html?item=9788854872547>

- P. Di Sia

**“Fondamenti di Matematica e Didattica II”**

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2014)

ISBN 978-88-548-7108-3, 17 x 24 cm, 344 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/autori.html?auth-id=275570>

- P. Di Sia

**“Fondamenti di Matematica e Didattica I”**

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2013)

ISBN 978-88-548-5889-3, 17 x 24 cm, 214 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/index.php/autori.html?auth-id=275570>

- P. Di Sia

**“Elementi di Didattica della Matematica I - Laboratorio”**

Aracne Editrice, via Raffaele Garofalo 133/A-B – 00173 Roma (Italy) (2013)

ISBN 978-88-548-6040-7, 17 x 24 cm, 108 pp.

<http://www.aracneeditrice.it/aracneweb/index.php/index.php/autori.html?auth-id=275570>

## Books Reviewer

3) **Revision** of the International Book: **“Location-based games as a contemporary, original, and innovative method of seniors’ teaching and learning - Manual”** (507 pp)

(Project co-funded by the Erasmus+ Programme of the European Union)

ISBN 978-83-62618-46-0 --- DOI: 10.34616/22.19.009

**Authors:** Ewa Jurczyk-Romanowska, Marta Koszycz, Luba Jakubowska, Aleksandra Marcinkiewicz-Wilk, Jacek Gulanowski, Michal Kabat, Magdalena Svecova, Tijana Milenkovic Jankovic, Paola Barone, Charoula Giannelaki, Irena Zemaitaityte, Agata Katkonienie, Asta Janusieviciute, Valdone Indrasiene



## Compact CV - Paolo Di Sia (2022-10-27)

**Statistical editor:** Piotr Kwiatkowski  
**Publishing house:** Pro Scientia Publica  
**Date:** January 2019

2) **Revision** of the Mathematics Book of J. G. Brida: “**Manual of Precalculus Mathematics**”, University Press, Free University of Bozen-Bolzano (2012)  
<http://bupress.unibz.it/en/manual-of-prec calculus-mathematics.html>

1) **Revision** of the Mathematics Book of P.V. Dolci, G.D. Marangoni: “**Laboratorio di Matematica – Teoria e Pratica**”, Ed. CEDAM (ISBN 88-13-25980-8) (379 pp.) (2005)  
[http://shop.wki.it/Cedam/Libri/Laboratorio\\_di\\_matematica\\_Teoria\\_e\\_pratica\\_s9630.aspx](http://shop.wki.it/Cedam/Libri/Laboratorio_di_matematica_Teoria_e_pratica_s9630.aspx)

### **International Book Chapters - Contributions on Books (selected)**

- **P. Di Sia**

“**Nanotechnologies among Science, Ethics and Transhumanism**” (invited chapter)  
In: “*Nanoscience & Nanotechnologies. Critical Problems, Science in Society, Historical Perspectives*”  
Guest Editor: Prof. Dr. Raffaele Pisano (IEMN, Lille University, France)  
Springer Book Series: Nanotechnology in the Life Sciences (Springer Nature)  
<https://www.springer.com/series/15921>  
Outcome expected: 2025

- **P. Di Sia**

“**Societal impact of nanomaterials**” (invited chapter)  
In: “*Nanotechnology for Environmental Remediation*”, edited by Sabu Thomas (IIUCNN Mahatma Gandhi University), Laly A. Pothen (IIUCNN Mahatma Gandhi University, India), Merin Sara Thomas (Mar Thoma College, India)  
John Wiley Publishing House  
Chapter 21, pp. 401 - 412 (2022)  
<https://www.wiley.com/en-us/Nanotechnology+for+Environmental+Remediation-p-9783527834150>

- **P. Di Sia**

“**Green composites for construction**” (invited chapter)  
In: “*Green Sustainable Process for Chemical and Environmental Engineering and Science - Green Composites: Preparation, Properties, and Allied Applications*”, edited by Dr. Inamuddin, Faculty of Science, King Abdulaziz University, Jeddah 21589, Saudi Arabia  
Elsevier Publishing  
Chapter 22, pp. 545 - 561 (2022)  
<https://www.sciencedirect.com/science/article/pii/B978032399643300019X>  
<https://www.sciencedirect.com/book/9780323996433/green-sustainable-process-for-chemical-and-environmental-engineering-and-science>

- **P. Di Sia**

“**Industry 4.0 revolution: Introduction**” (invited chapter)  
Industry 4.0 Revolution: Introduction. In: Hussain C.M., Di Sia P. (eds) *Handbook of Smart Materials, Technologies, and Devices*. Springer Nature.  
Chapter 1, pp. 1 - 20 (2021)  
[https://doi.org/10.1007/978-3-030-58675-1\\_88-1](https://doi.org/10.1007/978-3-030-58675-1_88-1)  
<https://meteor.springer.com/smartmaterials>  
<https://meteor.springer.com/smartmaterials/?id=1100&tab=About&mode=ReadPage&entity=8548>

## Compact CV - Paolo Di Sia (2022-10-27)

- P. Di Sia

**“On risks and benefits of nanotechnology: the case of medical applications”** (invited chapter)

In: *“Handbook of Functionalized Nanomaterials: Environmental Health and Safety”*, edited by Chaudhery Mustansar Hussain and Vineet Kumar

Elsevier Publishing

Chapter 9, pp. 235 - 250 (2021)

<https://www.elsevier.com/books/handbook-of-functionalized-nanomaterials/hussain/978-0-12-822415-1>

- P. Di Sia

**“Fourth Industrial Revolution (4IR) and Functionalized MNPs”** (invited chapter)

In: *“Analytical Applications of Functionalized Magnetic Nanoparticles”*, edited by Chaudhery Mustansar Hussain, Dept. of Chemistry and EVSC, New Jersey Institute of Technology, 151 D Tiernan, 161 Warren St., Newark, NJ

Elsevier Publishing (Royal Society of Chemistry)

Chapter 19, pp. 489 - 504 (2021)

<https://doi.org/10.1039/9781839162756-00489>

<https://pubs.rsc.org/en/content/ebook/978-1-83916-210-7>

<https://pubs.rsc.org/en/content/chapter/bk9781839162107-00489/978-1-83916-210-7>

- P. Di Sia

**“Agroecosystems and Bioeconomy”** (invited chapter)

In: *“Applied Soil Chemistry”*, edited by Inamuddin Inamuddin, Mohd Imran Ahamed, Rajender Boddula, Tariq A. Altalhi

ISBN: 978-1-119-71018-9

Wiley-Scrivener Publishing

Chapter 3, pp. 41-60 (2021)

<https://www.wiley.com/en-be/Applied+Soil+Chemistry-p-9781119710189>

- P. Di Sia

**“Nanotechnologies and advanced smart materials: the case of architecture and civil engineering”** (invited chapter)

In: *“The ELSI Handbook of Nanotechnology: Risk, Safety, ESLI and Commercialization”*, edited by Chaudhery Mustansar Hussain, New Jersey Institute of Technology, Newark, NJ, USA

Online ISBN: 9781119592990, Print ISBN: 9781119591603

Published Online: 19 March 2020, Published Print: 04 March 2020

Wiley-Scrivener Publisher

Chapter 4, pp. 67-87 (2020)

<https://doi.org/10.1002/9781119592990.ch4>

<https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119592990.ch4>

- P. Di Sia

**“Agri-food sector, biological systems and nanomaterials”** (invited chapter)

In: *“Food Applications of Nanotechnology”* (1<sup>st</sup> Edition), edited by Gustavo Molina, Inamuddin, Franciele Maria Pelissari, Abdullah Mohamed Asiri

Published: September 11, 2019

Reference - 546 Pages - 118 B/W Illustrations

ISBN 9780815383819 - CAT# K336493

CRC Press

Chapter 2, pp. 19-46 (2019)

<https://www.crcpress.com/Food-Applications-of-Nanotechnology/Molina-namuddin-Pelissari-Asiri/p/book/9780815383819>

## Compact CV - Paolo Di Sia (2022-10-27)

- P. Di Sia

### **“On Quantum Physics, Metaphysics and Theism”**

In: *“Relations. Ontology and Philosophy of Religion”*, Mimesis International

300 pp. - 10 April 2018

ISBN-10: 8869771261 - ISBN-13: 978-8869771262

<https://www.amazon.co.uk/Relations-Ontology-Philosophy-Daniele-Bertini/dp/8869771261>

- P. Di Sia

### **“An interesting Overview about Diffusion in Graphene”**

Vol. 5: *Size-Dependent Properties* (April 2016) - CRC Press, Published April 25, 2016, Reference - 505 Pages - 463 B/W Illustrations, ISBN 9781466591356 - CAT# K20509

In: *“Graphene Science Handbook”*, 6-volume set, edited by Mahmood Aliofkhazraei, Nasar Ali, William I. Milne, Cengiz S. Ozkan, Stanislaw Mitura, and Juana L. Gervasoni

Published April 26, 2016, Reference - 3379 Pages, ISBN 9781466591189 - CAT# K20500

CRC Press

Chapter 10, pp. 131-143

<https://www.crcpress.com/Graphene-Science-Handbook-Six-Volume-Set/Aliofkhazraei-Ali-Milne-Ozkan-Mitura-Gervasoni/p/book/9781466591189>

- P. Di Sia, V. Dallacasa, N. D. Cook

### **“The Magnetic Force Between Nucleons”**

In: N. D. Cook: **“Models of the Atomic Nucleus - Unification Through a Lattice of Nucleons”**

(2nd Edition), Springer, ISBN 978-3-642-14736-4, e-ISBN 978-3-642-14737-1

doi: 10.1007/978-3-642-14737-1, pp. 217-222

(2010)

- N. 26 papers on Journal **“MatematicaMente” (MATHESIS) (ISSN: 2037-6367)**  
**(Years 2000-2008)**

- N. 41 popular science papers

- N. 55 works on **“Associazione Italiana del Libro” (2013-2017)**

(<http://www.associazioneitalianadelibro.it/>)

In faith

*Paolo Di Sia*

Verona (Italy), October 27, 2022