## EUROPEAN CURRICULUM VITAE FORMAT



#### PERSONAL INFORMATION

Name

s The Abdus Salam

Address

International Centre for Theoretical Physics (ICTP)

**Marie Curie Library** 

CAPPELLINI, Valerio

Strada Costiera 11, I-34151 Trieste (Italy)

(+39) 040 2240 670 (Office); (+39) 339 39 51 382 (Mobile)

e-mail

Telephone

valerio@ictp.it

Home Page

http://users.ictp.it/~valerio

ResearcherID

http://www.researcherid.com/rid/C-7100-2011

Nationality

Italian

Date of birth

June 23<sup>rd</sup>, 1969

#### **EDUCATION AND TRAINING**

Dates

Jan. 2001 - Dec. 2003

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered

University of Trieste (Italy) – Department of Theoretical Physics

• Main Subjects: Ergodic Theory, (Discrete) Classical and Quantum

- procedures, semi-classical analysis and classical limit, Algorithmic Complexity,
  Quantum Dynamical Entropies and their applications to Dynamical Systems;

   Areas of expertise: functional analysis, C\* and Von Neumann Algebras,
  Number Theory, numerical analysis of theoretical model: statistical data
  - Areas of expertise: functional analysis, C<sup>\*</sup> and Von Neumann Algebras Number Theory, numerical analysis of theoretical model; statistical data analysis, programming in Fortran 77 and 90/95, Mathematica and image processing;

Dynamical Systems with chaotic (continuous) classical limit, quantization

 Dissertation: "Quantum Dynamical Entropies and Complexity in Dynamical Systems" (on April 5<sup>th</sup>, 2004).

· Title of qualification awarded

Ph.D. (doctorate) in Physics

Dates

Nov. 1988 - Oct. 2000 (student-worker)

University of Pisa (Italy) – Department of Physics

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Main Subjects: Lattice Gauge Theory, QCD, topology on classical vacua, classical solutions of equations of motion on systems with finite actions, lstantons:
- Areas of expertise: implementations on lattice of SU(3) Gauge Theory, Dynamical Monte-Carlo methods, numerical analysis, statistics;
- Dissertation: "Esplorazione di insiemi di istantoni in QCD" (on October 24<sup>th</sup>, 2000).
- Title of qualification awarded M.Sc. ("laurea" | four years University degree) in Physics

Page 1 - Curriculum vitae of CAPPELLINI, Valerio

Dates

 Name and type of organization providing education and training

- Principal subjects/occupational skills covered
  - Title of qualification awarded

Nov. 1983 - Jul. 1988

Istituto Tecnico Industriale "B. Lotti"

Massa Marittima (GR) - Italy

Chemical Industrial Plant, Organic and Inorganic Laboratory and Instrumental Analysis.

("Diploma di Maturità" | High School Diploma) in Chemistry

#### **WORK EXPERIENCE**

Dates

• Name and address of employer

• Type of business or sector

• Occupation or position held

· Main activities and responsibilities

Sep. 2007 - present

Marie Curie Library of the Abdus Salam International Centre for Theoretical Physics (ICTP) Strada Costiera, 11 – I-34151 Trieste (TS) – Italy

Tel: (+39) 040 22 40 395; Fax: (+39) 040 22 40 394 - <u>library@ictp.it</u>

Library

Library circulation clerk

Main coordinator of the Library's access and information services. Maintaining statistics of all circulation activities. Front office reference and information point for the users; provide them assistance and training in bibliographic searches. Monitoring the usage of electronic resources and preventing unauthorized downloads. Cataloguing doctorate thesis in the using the software Aleph 500. Providing specialized bibliometric reports upon request by patrons or other offices within ICTP framework. Providing Document Delivery and Inter Library Loan services within a big cluster of national and foreign libraries, sharing information and documents with them. Training, organizing and supervising a group of five library assistants working at the loan desk after office hours and during the weekends.

Dates

Jan. 2007 - Aug. 2007

· Name and address of employer

"Mark Kac" Complex Systems Research Centre of the Jagiellonian University ul. Reymonta 4 — PL-30059 Cracow, Poland

Tel.: (+48) 12 633 63 77, Fax: (+48) 12 633 70 86

http://www.if.uj.edu.pl/index en.html

Occupation or position held

· Main activities and responsibilities

Post-Doc

Research activity on the project "Correlations in Complex Systems - COCOS" within the Marie Curie Host Fellowships for the Transfer of Knowledge (one of the 6<sup>th</sup> Framework actions) under the contract no 29/MTKD-CT-2004-517186.

Dates

Dec. 2006 - Apr. 2008

Name and address of employer

Institute of Physics Publishing – Dirac House, Temple Back

Bristol BS1 6BE, England

Tel.: (+44) 117 929 74 81, Fax: (+44) 117 920 06 62

Occupation or position held

· Main activities and responsibilities

Email: <u>jphysa@iop.org</u> – <u>http://journals.iop.org/</u>

Referee for *J. Phys. A: Math. Theor.* and *Physica Scripta* (IOP ID: 111298) Refereeing papers of Mathematical Physics, mainly concerning topics related to Quantum Chaos.

• Dates • Name and address of employer

Aug. 2006

Max Planck Institute for the Physics of Complex Systems,

Noethnitzer Str. 38 – D-01187 Dresden, Germany

Tel: (+49) 351 8710

info@mpipks-dresden.mpg.de - http://www.mpipks-dresden.mpg.de/

Scientific Collaborator

Research on "Distributions of Entanglement Monotones over Random Pure States".

Occupation or position held
 Main activities and responsibilities

Page 2 - Curriculum vitae of CAPPELLINI, Valerio Dates

· Name and address of employer

Occupation or position held

· Main activities and responsibilities

Jan. 2006 - Dec. 2006

Polish Academy of Sciences – Center for Theoretical Physics

Al. Lotników 32/46 – PL-02668 Warsaw, Poland

Tel. (+48) 22 847 09 20, Fax/Tel: (+48) 22 843 13 69

Email: <u>cft@cft.edu.pl</u> – <u>http://www.cft.edu.pl</u>

Post-Doc

Research activity on the project C4 ("Universal properties of S-matrices, resonances and density matrices") in the SFB/Transregio-12 program

entitled "Symmetries and Universality in Mesoscopic Systems".

Dates

Name and address of employer

Occupation or position held

Jan. 2006 - Apr. 2008

Mathematical Reviews - 416 Fourth Street, P.O. Box 8604

Ann Arbor, MI 48107-8604, U.S.A.

Tel. (+1) 734 996 52 59, Fax/Tel: (+1) 734 996 29 16

Email: <u>mathrev@ams.org</u> – <u>http://www.ams.org/mr-database</u> Reviewer (Reviewer Code: 036379)

Critical reviews of international publications (books, papers, reports) of

Mathematical Physics, mainly concerning topics related to Quantum Chaos.

Dates

Name and address of employer

· Main activities and responsibilities

· Main activities and responsibilities

Feb. 2004 - Oct. 2004, Nov. 2004 - Dec. 2004 and Feb. 2005 - Dec. 2005

University of Trieste – Department of Theoretical Physics

Strada Costiera, 11 – I-34151 Trieste (TS) – Italy Fax: (+39) 040 22 46 01 – http://www-dft.ts.infn.it

Post Doc

Occupation or position held

Research activity on the three projects:

"Quantum Dynamical Entropies in Discrete Classical Systems";

"Entropy and Complexity in Quantum Mechanics";

"Dynamical Entropies and Algorithmic Complexity".

Dates

· Name and address of employer

· Main activities and responsibilities

. Type of business or sector

Jul. 2003 - Dec. 2005

Marie Curie Library of the Abdus Salam International Centre for Theoretical Physics (ICTP) Strada Costiera, 11 – I-34151 Trieste (TS) – Italy

Tel: (+39) 040 22 40 395; Fax: (+39) 040 22 40 394 - library@ictp.it

Library

 Occupation or position held Library assistant (group leader of library assistants from July 2004 onwards)

> To assist users in bibliographical research, locate material, check-in and issue Library material, verify patron status, shelve periodicals, intervene when problems with self-service photocopiers and printers arise.

Dates

Nov. 2002

· Name and address of employer

· Occupation or position held

Main activities and responsibilities

Institute for Theoretical Physics, K.U.Leuven Celestijnenlaan 200D - B-3001 Leuven, Belgium

Tel: (+32) 16 32 72 32; Fax: (+32) 16 32 79 86

christine.detroye@fys.kuleuven.ac.be

Scientific Collaborator

Research on "Classical Limit of Quantum Dynamical Entropies".

Dates

Name and address of employer

Mar. 2002 - Jun. 2002 and Mar. 2003 - Jul. 2003

University of Trieste (Italy)

Mathematical, Physical and Natural Science Department

Tutor for first year students in the Physics department

• Subjects taught: theory and exercise in mathematical analysis, linear algebra, thermodynamics, programming;

Discussions and problem solving with groups of students.

 Occupation or position held Main activities and responsibilities

Dates

- · Name and address of employer · Occupation or position held

Main activities and responsibilities

Mar. 1993 - Jan. 1994

Air Defence Artillery School (S.A.CA) in Sabaudia (LT) – Italy Officer (second lieutenant) instructor for the freshmen (aspiring officers) Military training and instructor for special technical courses like the use of missiles in close combat (e.g. STINGER).

#### **PUBLICATIONS**

#### See **ANNEXES**

## **SEMINARS AND CONFERENCE ACTIVITIES**

#### See **ANNEXES**

#### TRAINING COURSES

#### Most recents:

- 2 May 2012 : "Basic Security in the Field II (BSITF II)"
- 16 January 2012 : "Basic Life Support and Defibrillation per laici"
- 2 4 November 2011 "Catalogazione di seriali e materiali multimediali con l'utilizzo di AACR2 e del formato MARC21 "
- 27 September 2011 : "Advance Security in the Field"
- 16 September 2011 : "Basic Security in the Field Staff Safety, Health, and Welfare"
- 27 January 2011 : "Antincendio rischio medio"
- 13 December 2010 : "Il nuovo software NILDE 4.0"

See the full list in the **ANNEXES** 

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

Italian

#### OTHER LANGUAGES

#### **English**

- · Reading skills
- · Writing skills
- Verbal skills

Excellent

Excellent

Excellent

## SOCIAL AND ORGANIZATIONAL SKILLS AND COMPETENCES

- TEAM WORK: Scientific activity in collaboration with scientists from universities and research institutes of many countries.
- MULTI CULTURAL ENVIRONMENT: I studied and worked at the Department of Theoretical Physics of Trieste, located at the International Centre for Theoretical Physics (UNESCO). Daily contact with scientists from all over the world, mainly from developing countries.
- COMMUNICATION SKILLS: I enjoy interacting with people. Given my former profession as a scientist, I worked on a daily basis with a team of other researchers on joint projects. Therefore communicational skills were essential for productive interaction, both on a personal and impersonal level (i.e. through internet etc.).
- MILITARY SERVICE: I have been platoon commander, instructor, and delegate of the subordinate officers in the Intermediate Council of Representatives (CO.I.R.) of the Italian Central Military Region.

## TECHNICAL SKILLS AND COMPETENCES

- Strong knowledge of MS Windows Operating System and MAC OS;
- Extensive experience on Unix Operating Systems;
- Strong knowledge of Office packages (MS-Office suite/Open Office);
- 5 year experience using **NILDE** (Network Inter-Library Document Exchange);
- In-depth knowledge of scientific databases; (Web of Science, Thompson JCR, MathSciNet, arXiv, Zentralblatt etc.);
- In-depth knowledge of bibliographical and reference manager tools (Mendeley, Zotero, Scopus, Scirus, PubMed, GoogleScholar etc.);
- Database management with FileMakerPro;
- Solid knowledge of Ex Libris products, like ALEPH 500 v.20.2 (modules: Circulation and Cataloguing) and PRIMO;
- In-depth knowledge of Google Documents and Google Apps in general;
- Good shell scripting, Emacs and Lisp skills;
- Fortran 77 and 90/95 programming (see my Library of Fortran Codes at http://users.ictp.it/~valerio/fortran.html);
- Web Programming (Literacy in HTML, Javascript, CSS);
- Good knowledge of LaTeX, Dvi readers, GhostScript/Ghostview, Adobe Acrobat PRO, Djvu;
- Good knowledge of Mathematica;
- Image processing (xv, ImageMagick, Adobe Photoshop, Gimp);
- Extensive experience in statistical investigation of data and Lattice simulation techniques (Monte-Carlo methods).

#### **DRIVING LICENCES**

European driving licence A and B.

#### REFERENCES

- Prof.: Alberto Verjovsky Sola, Instituto de Matemáticas (Unidad Cuernavaca) Universidad Nacional Autónoma de México, A.P. 273, Admon. de correos #3 C.P. 62251 Cuernavaca, Morelos, México albertoverjovsky@gmail.com
- Dr.: Fabio Benatti, Department of Theoretical Physics of University of Trieste Strada Costiera 11, I-34151 Trieste, Italy fabio.benatti@ts.infn.it
- Prof.: Karol Żvczkowski, Instytut Fizyki im. Mariana Smoluchowskiego. Uniwersytet Jagielloński, ul. Reymonta 4, 30-059 Kraków, Poland karol@tatry.if.uj.edu.pl
- Prof.: Marek Kuś, Centrum Fizyki Teoretycznej PAN, Aleja. Lotników 32/46, 02-668 Warszawa, Poland marek@cft.edu.pl
- Prof.: Hans-Jürgen Sommers, Fachbereich Physik, Universität Duisburg-Essen, Campus Duisburg, 47048 Duisburg, Germany h.j.sommers@uni-due.de
- Prof.: Mark Fannes, Instituut voor Theoretische Fysica, K.U. Leuven, Celestijnenlaan 200D, B-3001 Leuven, Belgium mark.fannes@fys.kuleuven.ac.be

#### ANNEXES

- ANNEX 1 List of publications
- ANNEX 2 Seminars and Conference activities
- ANNEX 3 Training Courses

### **PERSONAL DATA** AUTHORISATION

I authorize the deal of the personal data present in this letter and in eventual enclosures, under provisions of the Law 675/1996 and DIs n. 196/2003

Vallerio Caffeller Trieste, Italy, June 05<sup>th</sup>, 2012

# **ANNEX 1: List of publications**

- 1) W. Bruzda, M. Smaczyński, V. Cappellini, H.–J. Sommers and K. Życzkowski Universality of spectra for interacting quantum chaotic systems *Phys. Rev. E* **81(6)**, 066209 (2010)
- 2) V. Cappellini, H.–J. Sommers, W. Bruzda and K. Życzkowski Random bistochastic matrices *J. Phys. A: Math. Theor.* **42(36)**, 365209 (2009)
- 3) W. Bruzda, V. Cappellini, H.–J. Sommers and K. Życzkowski Random Quantum Operations *Phys. Lett. A* **373(3)**, 320–324 (2009)
- 4) V. Cappellini A Survey on the Classical Limit of Quantum Dynamical Entropies *Acta Phys. Polon. A* **112(4)**, 589–605 (2007)
- 5) V. Cappellini, H.–J. Sommers and K. Życzkowski Subnormalized states and trace-nonincreasing maps *J. Math. Phys.* **48(5)**, 052110 (2007)
- 6) V. Cappellini, H.–J. Sommers and K. Życzkowski Distribution of *G* concurrence of random pure states *Phys. Rev. A* **74(6)**, 062322 (2006)
- 7) V. Cappellini Quantum dynamical entropies for discrete classical systems: a comparison *J. Phys. A: Math. Gen.* **38(31)**, 6893–6915 (2005)
- 8) F. Benatti and V. Cappellini Continuous limit of discrete Sawtooth Maps and its algebraic framework J. Math. Phys. 46(6), 062702 (2005)
- 9) V. Cappellini *Quantum Dynamical Entropies and Complexity in Dynamical Systems*PhD thesis, University of Trieste, arXiv:math-ph/0403035v1 (2004)

10) F. Benatti, V. Cappellini and F. Zertuche Quantum dynamical entropies in discrete classical chaos J. Phys. A: Math. Gen. 37(1), 105–130 (2004)

11) F. Benatti, V. Cappellini, M. De Cock, M. Fannes and D. Vanpeteghem Classical limit of quantum dynamical entropies *Rev. Math. Phys.* **15(8)**, 847–875 (2003)

12) V. Cappellini *Esplorazione di insiemi di istantoni in QCD*Master's thesis, University of Pisa (2000)

## **ANNEX 2: Seminars and Conference activities**

#### **SEMINARS**

As speaker:

#### "Entropy production for classical/quantum dynamical systems" at:

Jagiellonian University – "Marian Smoluchowski" Institute of Physics ul. Reymonta 4 – 30-059 Kraków, Poland
 Tel. (48) 12 633 63 77, Fax: (48) 12 633 70 86
 <a href="http://www.if.ui.edu.pl/index">http://www.if.ui.edu.pl/index</a> en.html

(May 15<sup>th</sup>, 2007)

## "Statistiche di misure monotone di entanglement su stati puri stocastici" at:

University of Bologna – Department of Mathematics
 Piazza di Porta San Donato 5 – I-40126 Bologna (BO), Italy
 Tel. (39) 051 209 44 02, Fax: (39) 051 209 44 90
 Email: segreteria@dm.unibo.it – http://www.dm.unibo.it/

(Feb. 19<sup>th</sup>, 2007)

#### "Random normalized Wishart matrices and the statistics of their determinants" at:

Jagiellonian University – "Marian Smoluchowski" Institute of Physics ul. Reymonta 4 – 30-059 Kraków, Poland Tel. (48) 12 633 63 77, Fax: (48) 12 633 70 86
 <a href="http://www.if.uj.edu.pl/index">http://www.if.uj.edu.pl/index</a> en.html

(Dec 4<sup>th</sup>, 2006)

#### "Average of entanglement monotones over random pure states" at:

Jagiellonian University – "Marian Smoluchowski" Institute of Physics ul. Reymonta 4 – 30-059 Kraków, Poland Tel. (48) 12 633 63 77, Fax: (48) 12 633 70 86
 <a href="http://www.if.uj.edu.pl/index">http://www.if.uj.edu.pl/index</a> en.html

(Oct 9<sup>th</sup>, 2006)

Polish Academy of Sciences – Center for Theoretical Physics Al. Lotników 32/46 – 02-668 Warsaw, Poland Tel. (48) 22 847 09 20, Fax/Tel: (48) 22 843 13 69 Email: cft@cft.edu.pl – http://www.cft.edu.pl

(Nov. 15 <sup>th</sup>, 2006)

The Abdus Salam International Centre for Theoretical Physics (ICTP)
 Strada Costiera, 11 – I-34014 Trieste (TS), Italy
 Switchboard: (39) 040 2240 111, Main Fax: (39) 040 224 163
 Email: sci\_info@ictp.it - http://www.ictp.it

(Dec. 19<sup>th</sup>, 2006)

 Max Planck Institute for the Physics of Complex Systems, Noethnitzer Str. 38 – D-01187 Dresden, Germany
 Tel: (49) 351 8710 – <u>info@mpipks-dresden.mpg.de</u> http://www.mpipks-dresden.mpg.de/

(Jun. 12<sup>th</sup>, 2007)

#### "Classical Limit of Quantum Dynamical Entropies" at:

Polish Academy of Sciences – Center for Theoretical Physics Al. Lotników 32/46 – 02-668 Warsaw, Poland Tel. (48) 22 847 09 20, Fax/Tel: (48) 22 843 13 69 Email: cft@cft.edu.pl – http://www.cft.edu.pl

(Mar. 29<sup>th</sup>, 2006)

University of Gdańsk – Institute of Theoretical Physics and Astrophysics ul. Wita Stwosza – 80-952 Gdańsk, Poland
 Tel. (48) 58 341 87 00 – (48) 58 552 92 30
 http://iftia9.univ.gda.pl/

(May 19<sup>th</sup>, 2006)

 Max Planck Institute for the Physics of Complex Systems, Noethnitzer Str. 38 – D-01187 Dresden, Germany
 Tel: (49) 351 8710 – <u>info@mpipks-dresden.mpg.de</u> <u>http://www.mpipks-dresden.mpg.de/</u>

(Aug. 17<sup>th</sup>, 2006)

Jagiellonian University – "Marian Smoluchowski" Institute of Physics ul. Reymonta 4 – 30-059 Kraków, Poland
 Tel. (48) 12 633 63 77, Fax: (48) 12 633 70 86
 <a href="http://www.if.uj.edu.pl/index\_en.html">http://www.if.uj.edu.pl/index\_en.html</a>

(March 12<sup>th</sup>, 2007)

# "Algebraic framework for discrete classical systems and their quantum dynamical entropy production" at:

 University of Trieste – Department of Theoretical Physics Strada Costiera, 11 – I-34014 Trieste (TS), Italy
 Fax: (39) 040 22 46 01 – <a href="http://www-dft.ts.infn.it">http://www-dft.ts.infn.it</a>

(Sep. 21<sup>th</sup>, 2005)

 University of Bristol – Department of Mathematics University Walk – Bristol BS8 1TW, U.K.
 Tel. (44) 117 928 7978, Fax/Tel: (44) 117 928 7999 http://www.maths.bris.ac.uk

(Sep. 23<sup>th</sup>, 2005)

Polish Academy of Sciences – Center for Theoretical Physics Al. Lotników 32/46 – 02-668 Warsaw, Poland Tel. (48) 22 847 09 20, Fax/Tel: (48) 22 843 13 69 Email: <a href="mailto:cft@cft.edu.pl">cft@cft.edu.pl</a> – <a href="http://www.cft.edu.pl">http://www.cft.edu.pl</a>

(Jan. 25 <sup>th</sup>, 2006)

Jagiellonian University – "Marian Smoluchowski" Institute of Physics ul. Reymonta 4 – 30-059 Kraków, Poland
 Tel. (48) 12 633 63 77, Fax: (48) 12 633 70 86
 <a href="http://www.if.uj.edu.pl/index\_en.html">http://www.if.uj.edu.pl/index\_en.html</a>

(May 8<sup>th</sup>, 2006)

#### **CONFERENCE ACTIVITIES**

Posters (contributed):

- "Logarithmic breaking times in discretized classical dynamical systems" at the International Conference on Theoretical Physics"TH-2002" 22 – 27 Jul. 2002, Paris, UNESCO – France http://www.spht.cea.fr/th2002/
- "Average G-concurrence of Random Pure States" at the XXXVIII°
   Mathematical Physics Symposium "Quantum Entanglement & Geometry"

   4 7 Jun. 2006, Toruń Poland <a href="http://www.fizyka.umk.pl/zfmis/smp38">http://www.fizyka.umk.pl/zfmis/smp38</a>

"Quantum states and maps modeled by random matrices" at the meeting
 "Monitoring of FP6 ToK Contracts in Poland"

21 May 2007, Cracow Polytechnic's Conference Centre

ul. Warszawska 24, 31-155 Kraków - Poland

• "Average G-concurrence of Random Pure States" at the XXII<sup>nd</sup> International Workshop "Differential Geometric Methods in Theoretical Mechanics"

19 - 26 August 2007, Bedlewo - Poland

http://www.impan.gov.pl/~jagrab/dgm 2007/index.html

Oral presentations (contributed):

"Classical Limit of Quantum Dynamical Entropies"
 at the 3<sup>rd</sup> International Workshop
 "Pseudo-Hermitian Hamiltonians in Quantum Physics"
 19 – 23 Jun. 2005, Istanbul – Turkey
 http://home.ku.edu.tr/~amostafazadeh/workshop/workshop.htm

- "Random Density Matrices and their Determinants"
   at the 5<sup>th</sup> meeting of 2006 in the SFB/Transregio-12 program

   "Symmetries and Universality in Mesoscopic Systems"
   24 30 Sep. 2006, Przegorzały Kraków Poland
   <a href="http://www.sfbtr12.uni-koeln.de/krakaucappelini.pdf">http://www.sfbtr12.uni-koeln.de/krakaucappelini.pdf</a>
- "Classical Limit of Quantum Dynamical Entropies"
   at the 3<sup>rd</sup> Workshop "Quantum Chaos and Localisation Phenomena"
   25 27 May 2007, Polish Academy of Sciences Center for Theoretical Physics
   Al. Lotników 32/46 02-668 Warsaw Poland
   Tel. (48) 22 847 09 20, Fax/Tel: (48) 22 843 13 69
   http://info.ifpan.edu.pl/chaos07/
- "Average of entanglement monotones over random pure states"
   at the 4<sup>th</sup> Central European Quantum Information Processing Workshop "CEQIP 2007"
   24 27 June 2007, Valtice Czech Republic
   <a href="http://www.quniverse.org/ceqip/">http://www.quniverse.org/ceqip/</a>
- "Average G-concurrence of Random Pure States" at the XXII<sup>nd</sup> International Workshop
   "Differential Geometric Methods in Theoretical Mechanics"
   19 26 August 2007, Będlewo Poland
   <a href="http://www.impan.gov.pl/~jagrab/dgm\_2007/index.html">http://www.impan.gov.pl/~jagrab/dgm\_2007/index.html</a>

As participant:

- Meeting "Archivi istituzionali e riviste OA in Italia: a che punto siamo?"
   30 May 2012, S.I.S.S.A.-I.S.A.S. (settimo piano, Big Meeting Room) via Bonomea 265 Trieste Italy <a href="http://www.sissa.it/main/?p=EVENT&id=541">http://www.sissa.it/main/?p=EVENT&id=541</a>
- Meeting "ACNP e NILDE: comunità in movimento per la crescita dei servizi bibliotecari"
   22 23 May 2012, Aula Magna della Facoltà di Medicina e Chirurgia Palazzo Polifunzionale
   "G. Benedictis" Bari Italy
   http://bari2012.cimedoc.uniba.it/
- Meeting ITALE (Associazione Italiana Utenti ExLibris) "Con il server fra le nuvole: infrastrutture, piattaforme e servizi condivisi nei nuovi modelli di gestione dei servizi bibliotecari"
   29 30 March 2012, Kastler Lecture Hall Adriatico Guest House Via Grignano 9 34151 Trieste Italy <a href="http://cdsagenda5.ictp.it/full\_display.php?ida=a1212">http://cdsagenda5.ictp.it/full\_display.php?ida=a1212</a>

- Workshop ACNP and NILDE: "Insieme per un sistema integrato dei periodici"
   30 September 2011, Aula Magna del Plesso di via Belmeloro Via Belmeloro, 14 Bologna Italy <a href="https://nilde.bo.cnr.it/ACNPworkshop/">https://nilde.bo.cnr.it/ACNPworkshop/</a>
- Joint ICTP-IAEA-UNESCO Workshop "New Trends for Science Dissemination"
   26 28 September 2011, Eklund Lab Adriatico Guest House Via Grignano 9 34151 Trieste Italy <a href="http://cdsagenda5.ictp.trieste.it/full\_display.php?email=0&ida=a10174">http://cdsagenda5.ictp.trieste.it/full\_display.php?email=0&ida=a10174</a>
- Meeting "Open Access, archivi aperti e valutazione della ricerca: i nuovi compiti dell'organizzazione della conoscenza"
   September 2009, S.I.S.S.A.-I.S.A.S. Via Beirut n.2-4 34014 Trieste Italy <a href="http://www.sissa.it/library/convegno2009.htm">http://www.sissa.it/library/convegno2009.htm</a>
- 1<sup>st</sup> Joint International Meeting "AMS-PTM"
   between the American Mathematical Society and the Polish Mathematical Society
   31 July 3 August 2007, historic campus (No 10) of the University of Warsaw Warsaw Poland <a href="http://www.ams.ptm.org.pl/">http://www.ams.ptm.org.pl/</a>
- 2<sup>nd</sup> meeting of 2007 in the SFB/Transregio-12 program
   "Symmetries and Universality in Mesoscopic Systems"
   7 9 June 2007, Physikzentrum Bad Honnef Hauptstr. 3 D-53604 Bad Honnef Germany
   http://www.sfbtr12.uni-koeln.de/default.php?sec=sem
- Workshop "Random Matrix Theory: from fundamental Physics to applications"
   2 5 May 2007, Collegium Maius of the Jagellonian University
   ul. Jagiellonska 15 PL-31-010 Cracow Poland
   http://th.if.uj.edu.pl/matrix/
- Symposium "Aspects of Quantum Information"
   12 14 October 2006, Faculty of Mathematics, Physics and Informatics of the Gdansk University Lecture Hall 3 – Campus Oliwa – Wita Stwosza 57 – PL-80-952 Gdańsk – Poland
- 4<sup>th</sup> meeting of 2006 in the SFB/Transregio-12 program
   "Symmetries and Universality in Mesoscopic Systems"
   31 July 2 August 2006, Physikzentrum Bad Honnef Hauptstr. 3 D-53604 Bad Honnef Germany
   http://www.sfbtr12.uni-koeln.de/default.php?sec=sem
- XXXVIII<sup>o</sup> Mathematical Physics Symposium "Quantum Entanglement & Geometry"
   4 –7 June 2006, Institute of Physics N. Copernicus University Toruń Poland <a href="http://www.fizyka.umk.pl/zfmis/smp38/">http://www.fizyka.umk.pl/zfmis/smp38/</a>
- 3<sup>rd</sup> meeting of 2006 in the SFB/Transregio-12 program
   "Symmetries and Universality in Mesoscopic Systems"
   28 30 April 2006, Physikzentrum Bad Honnef Hauptstr. 3 D-53604 Bad Honnef Germany
   http://www.sfbtr12.uni-koeln.de/default.php?sec=sem
- 2<sup>nd</sup> meeting of 2006 in the SFB/Transregio-12 program
   "Symmetries and Universality in Mesoscopic Systems"
   12 17 February 2006, Friesenstraße 1-5 26465 Nordseebad Langeoog Germany <a href="http://www.feuerschiff-langeoog.de/">http://www.feuerschiff-langeoog.de/</a>
- Conference "Dynamical Systems: Classical, Quantum and Stochastic"
   12 18 September 2004, Hotel Aloha d'Oro Viale Alcide de Gasperi, 10 IT-95024 Acireale Italy <a href="http://www.mat.uniroma3.it/users/falco/acireale/">http://www.mat.uniroma3.it/users/falco/acireale/</a>

- XXXVIII° Winter School of Theoretical Physics
   "Dynamical Semigroups: Dissipation, Chaos, Quanta"
- 6 15 February 2002, organized by the Institute of Theoretical Physics of the University of Wroclaw and held in the hotel "Nad Potokiem" ul. Graniczna 14 57-540 Lądek Zdrój Poland <a href="http://www.ift.uni.wroc.pl/karp38/">http://www.ift.uni.wroc.pl/karp38/</a>
- International Workshop "Quantum Entropies: Dynamics and Information"
   12 14 December 2001, organized by the S.I.S.S.A./I.S.A.S. via Beirut 2-4 IT-34014 Trieste Italy
- Summer School "The Mathematical aspects of Quantum Chaos I"
   1 10 September 2001, organized by the European Commission Research Training Network
   "Quantum Chaos Network" in Villa Gandolfi Pallavicini Via Martelli 22/24 IT-40138 Bologna Italy
   http://www.quantumchaos.net/summer.htm
- XVII<sup>o</sup> International Symposium on Lattice Field Theory "Lattice '99"
   29 June 3 July 1999, Congress Palace of Pisa Via Matteotti 1 IT-56124 Pisa Italy <a href="http://lattice99.df.unipi.it/">http://lattice99.df.unipi.it/</a>

# **ANNEX 3: Training Courses**

- 2 May 2012: "Basic Security in the Field II (BSITF II)" on-line training course organized by the UNESCO Department of Safety and Security (UNDSS) https://training.dss.un.org/
- 16 January 2012: "Basic Life Support and Defibrillation per laici" organized by the "Associazione Nazionale Medici Cardiologi Ospedalieri" at
   The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy
- 2 4 November 2011
  - "Catalogazione di seriali e materiali multimediali con l'utilizzo di AACR2 e del formato MARC21" organized by the "Cooperativa Sociale le pagine a.r.l. Servizi educativi, culturali e bibliotecari" at The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy
- 27 September 2011: "Advance Security in the Field" on-line training course organized by the UNESCO Department of Safety and Security (UNDSS) https://training.dss.un.org/
- 16 September 2011: "Basic Security in the Field Staff Safety, Health, and Welfare" on-line training course organized by the UNESCO Department of Safety and Security (UNDSS) https://training.dss.un.org/
- 27 January 2011: "Antincendio rischio medio"
  jointly organized by the "Comitato Paritetico Territoriale" and "Edilmaster la Scuola Edile di Trieste" at
  Edilmaster la Scuola Edile di Trieste Via dei Cosulich 10 34147 Trieste Italy
- 13 December 2010: "Il nuovo software NILDE 4.0"
   organized by NILDE developers at
   Centro Congressi CNR Area di Ricerca di Bologna Via Gobetti, 101 40129 Bologna Italy
   https://sites.google.com/site/nildeworld/approfondire-nilde/corsi-formazione
- 13 September 2010: "training on ethics"
  organized by the UNESCO Ethics Office at
  The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy
- 24 25 March 2009: "Microsoft PowerPoint 2008" organized by the Information and Communication Technology Section of the ICTP at
  The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy
- 10 12 March 2009: "Microsoft Word 2008" organized by the Information and Communication Technology Section of the ICTP at
  The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy

- 10 12 February 2009: "Microsoft Excel 2008" organized by the Information and Communication Technology Section of the ICTP at
  The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy
- 5 February 2009: "Google Apps fro ICTP"
  organized by the Information and Communication Technology Section of the ICTP at
  The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy
- 23 January 2009: "Thunderbird" organized by the Information and Communication Technology Section of the ICTP at The Abdus Salam International Centre for Theoretical Physics – Strada Costiera 11 – Trieste – Italy
- 14 January 2009: "Migration to MacOS 10.5.x" organized by the Information and Communication Technology Section of the ICTP at
  The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy
- 5 7 May 2008: "Il formato bibliografico MARC21: struttura e uso" organized by the "Ifniaformazione Divisione formative di Ifnet s.r.l." at
   The Abdus Salam International Centre for Theoretical Physics Strada Costiera 11 Trieste Italy