

## NEWSLETTER 2019

### #5 - May

- ✓ **Calls for Positions [CfPo]**
- ✓ **Meetings [MT]**
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**[MC] Obituary: Arnaldo Vecli (SIBPA Honorary Member)**

## **In ricordo di Arnaldo Vecli: un Maestro e un amico**

**Francesco Lenci**  
*Istituto di Biofisica del CNR, Pisa*



Ho avuto il privilegio di conoscere Arnaldo Vecli verso il 1969-1970, ai tempi del Gruppo Nazionale di Cibernetica, poi di Cibernetica e Biofisica, del CNR. Io ero un giovane ricercatore un poco spaesato, Arnaldo era il PROFESSOR VECLI, primo Biofisico nei Corsi di Laurea in Fisica di tutte le Università Italiane. Come poi è sempre stato per decine di anni, l'importanza accademica e l'autorevolezza scientifica di Arnaldo venivano da lui tenute "sotto traccia": mai spocchioso e arrogante, sempre attento e benevolo con tutti. Questo, naturalmente, non impediva ad Arnaldo di dire con fermezza e solide argomentazioni quello che pensava, sempre con una leggerezza calviniana e una impareggiabile autoironia.

Arnaldo fu tra i fondatori, assieme a Antonino Borsellino, Alessandro Checcucci, Pietro Omodeo, della SIBPA. Alla costituzione della Società precedettero un paio di riunioni di carattere meramente scientifico, che permisero scambi di idee di lavoro e progettuali tra tutti quelli che in Italia si occupavano di Biofisica. Io ho un ricordo molto vivo di una riunione all'Istituto di Fisica di Parma, in Via Massimo D'Azeglio, nella quale la piccolezza di noi giovani ricercatori non era impedimento a partecipare e cercare di contribuire alla discussione. Della SIBPA Arnaldo fu poi Presidente dal 1982 al 1987.

Con Arnaldo ho avuto il privilegio di collaborare per anni, coinvolgendo i nostri studenti e i nostri giovani ricercatori, Aba Losi, Antonella Sgarbossa, Nicola Angelini, Cristiano Viappiani, cercando di integrare risultati di spettroscopie ottiche e fotoacustiche. Qualche volta andavamo noi a Parma, altre volte venivano loro a Pisa. Sempre, comunque, straordinarie occasioni di lavoro, crescita culturale e umana.

Quando fui nominato Direttore dell'Istituto di Biofisica di Pisa chiesi ed ottenni che Presidente del Consiglio Scientifico dell'Istituto fosse Arnaldo. Sapevo bene che l'impegno e i suggerimenti di Arnaldo sarebbero stati cruciali per la crescita dell'Istituto. E così è stato.

Grazie Arnaldo della tua autorevolezza scientifica, mai considerata un bene da custodire per te stesso ma una opportunità di dialogo e crescita fra tutti. Grazie Arnaldo di tutto, anche dell'allegria con la quale sapevi contaminare riunioni a volte impegnative, a volte anche noiose. I comuni amici di una vita, come Roberto Fieschi, Raimondo Crippa e Giuliano Colombetti, i tuoi allievi, i tuoi colleghi hanno avuto molto da te. E noi tutti ti ricordiamo con affetto e nostalgia e gratitudine.

**English Version**

**In memory of Arnaldo Vecli: a Master and a friend**

**Francesco Lenci**  
***CNR Institute of Biophysics, Pisa***

I had the privilege of meeting Arnaldo Vecli around 1969-1970, at the time of the National Cybernetics Group, then of Cybernetics and Biophysics, of the CNR. I was a young researcher a little lost, Arnaldo was PROFESSOR VECLI, first Biophysicist in Physics Degree Courses of all Italian Universities. As it has always been for dozens of years, Arnaldo kept his academic importance and scientific authority "under track": never snooty and arrogant, always attentive and benevolent with everyone. This, of course, did not prevent Arnaldo from saying firmly and solidly what he thought, always with a Calvinian lightness and an incomparable self-irony.

Arnaldo was among the founders, together with Antonino Borsellino, Alessandro Checcucci, Pietro Omodeo, of the SIBPA. The establishment of the Society was preceded by a couple of purely scientific meetings, which allowed exchanges of work and planning ideas between all those who were involved in Biophysics in Italy. I have a very vivid memory of a meeting at the Physics Institute of Parma, in Via Massimo D'Azeglio, in which the smallness of us young researchers was not an obstacle for participating and trying to contribute to the discussion. Of SIBPA Arnaldo was then President from 1982 to 1987.

With Arnaldo I had the privilege of collaborating for years, involving our students and our young researchers, Aba Losi, Antonella Sgarbossa, Nicola Angelini, Cristiano Viappiani,, trying to integrate optical and photoacoustic spectroscopy results on photoreceptor pigments. Sometimes we went to Parma, sometimes they came to Pisa. Always, however, extraordinary opportunities for work, cultural and human growth.

When I was appointed Director of the Institute of Biophysics of Pisa, I asked and obtained that Arnaldo was President of the Scientific Council of the Institute. I knew very well that Arnaldo's commitment and suggestions would be crucial for the growth of the Institute. And so it was.

Thanks Arnaldo of your scientific authority, never considered a good to keep for yourself but an opportunity for dialogue and growth among all. Thanks Arnaldo for everything, even for the joy with which you knew how to contaminate challenging meetings, sometimes even boring ones. Your common friends of a lifetime, like Roberto Fieschi, Raimondo Crippa and Giuliano Colombetti, your students, your colleagues have had a lot from you. And we all remember you with affection and nostalgia and gratitude.

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**[CfPO] [Ebsa] Open Position: Professor of Biophysics at the University of Graz / Austria**

Researchers and students at the University of Graz are shaping tomorrow's world. We are addressing a broad spectrum of specialist issues and responding strategically to diverse social challenges. The University of Graz is also a place where achievement is rewarded, careers are planned, and social diversity is promoted – all within a modern, award-winning working environment. Our motto: We work for tomorrow. Join us!

The Institute of Molecular Biosciences (IMB) is an internationally renowned research centre. The IMB performs basic research on an internationally highly competitive level and offers several bachelor's and master's programmes in the field of molecular biosciences. The research-base of these curricula is strongly emphasized. Research core areas at the IMB include metabolism and ageing, infection biology, biophysics and structural biology. The IMB assumes a leading role in the university's Field of Excellence "BioHealth". It is also a member of the strategic inter-university cooperative programmes NAWI Graz and BioTechMed-Graz, which link the fields of natural sciences at the University of Graz, Graz University of Technology and the Medical University of Graz.

The Institute of Molecular Biosciences at the Faculty of Natural Sciences is seeking to appoint a  
**Professor (f/m) of Biophysics pursuant to § 98 of the University Act (UG)**  
(40 hours per week; permanent employment according to the Austrian Law on Salaried Employment (AngG); expected starting date October 1<sup>st</sup> 2020 )

The main focus of the professorship will be molecular and cellular biophysics. The appointed professor is expected to establish and lead an independent research group in the field of molecular and cellular biophysics that is to be primarily sustained by external funding. The professorship is thematically and organisationally embedded in the division of Biophysics and Structural Biology at the Institute of Molecular Biosciences (IMB). The research profile of the successful candidate should be compatible with the ongoing research activities in the Molecular Biosciences in Graz. Possible topics are: biophysical and structural studies of cellular membrane and/or organelle systems or investigations of protein-membrane and protein-lipid interactions with respect to cell biological and physiological processes.

Active participation within the university's Field of Excellence "BioHealth", as well as in the strategic inter-University cooperations NAWI Graz and BioTechMed-Graz is expected. A strong commitment to teaching is also expected through the development and implementation of university courses and the supervision of master's and doctoral theses.

#### **Requirements for employment**

- Completion of an appropriate university degree at a university in Austria or abroad
- Habilitation or equivalent qualification in biophysics, structural biology or biochemistry
- Excellent scientific qualification in research and teaching for the relevant subject (relative to academic age)
- International experience during the scientific career
- Successful acquisition of subject specific projects; in particular competitive third-party funding
- Management and leadership experience
- Excellent command of English and experience with scientific publishing in English
- Gender mainstreaming competence

The candidate is expected to demonstrate his/her educational and didactic skills. Planned date and time of the hearing ("applicant lectures"): 27-29 November 2019.

#### **Classification**

Salary scheme of the Universitäten-KV (University Collective Agreement): A1

#### **Minimum salary**

The minimum salary according to the classification scheme of the collective agreement is EUR 71.822,80 gross per year (14 monthly salaries). Salary subject to negotiation.

Application deadline: **June 10<sup>th</sup> 2019**

Reference number: **BV/11/98 ex 2018/19**

The University of Graz is striving to increase the number of women, particularly in executive positions, and thus explicitly encourages qualified women to apply. In case of equal qualifications, women will receive priority consideration.

If you are interested, please submit your application documents in English in accordance with the general as well as the specific (especially defined for this professorship) application guidelines (which can be found at <http://jobs.uni-graz.at/en/Berufungsverfahren>) before the deadline. Your application documents should include the reference number of the position and be sent by email to:

[bewerbung.professur@uni-graz.at](mailto:bewerbung.professur@uni-graz.at)

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**[CfPO] [Ebsa] PhD position in Membrane Repair (Computational Biophysics) in Denmark**

A PhD position is available at the erstwhile MEMPHYS, Centre for Biomembrane Physics at SDU, Denmark. The topic is simulations of membrane repair, of peripheral and transmembrane proteins.

[https://www.sdu.dk/da/service/ledige\\_stillinger/1042713](https://www.sdu.dk/da/service/ledige_stillinger/1042713)

The PhD salary in Denmark is amongst the highest in Europe, and international students get a special tax benefit.

The application deadline is 31/05/2019

Kind regards,  
Himanshu Khandelia

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Himanshu Khandelia  
Associate Professor  
MEMPHYS: Center for Biomembrane Physics  
Department of Physics, Chemistry and Pharmacy (FKF)  
University of Southern Denmark (SDU)  
[hkhandel@sdu.dk](mailto:hkhandel@sdu.dk)  
+4565503510  
+4529125467  
[himanshukhandelia.wordpress.com](http://himanshukhandelia.wordpress.com)

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**[CfPO] Post Doctoral Position at NIH**



Department of Health and Human Services  
National Institutes of Health

**Postdoctoral Position in Physical Biochemistry**

**Position Description:**

Applicants are invited to apply for a postdoctoral fellowship position in the Dynamics of Macromolecular Assembly Section of the Laboratory of Cellular Imaging and Macromolecular Biophysics at the National Institute of Biomedical Imaging and Bioengineering (NIBIB). Our research focuses on the development and application of experimental biophysical methods for the study of protein interactions and multi-protein complexes. Specific focus of the position will be the study of weak protein interactions and their effect on protein assemblies in highly concentrated solutions.

**Requirements:**

We expect this position to be filled with a recent PhD in cell biology, biophysics, chemistry, or related discipline. Experience the following areas is desirable: Protein expression and purification, thermodynamics, biophysical techniques such as spectroscopy, calorimetry, or analytical ultracentrifugation, and quantitative data analysis. The applicant needs to be a team worker with good communication skills.

**To Apply:**

Applicants should send a CV, a one-page description of research interests, and contact information for three references to Dr. Peter Schuck ([peter.schuck@nih.gov](mailto:peter.schuck@nih.gov)). The position is located on the NIH main campus in Bethesda, Maryland, U.S.A. NIH offers excellent salary and health care packages to its trainees and has consistently been ranked among the best places to work for postdoctoral fellows.

*The NIH is dedicated to building a diverse community in its training and employment programs.*

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**[CfPO][Ebsa] 1 Postdoc and 1 PhD Position in Membrane Biophysics @ University of Graz (Austria)**

We are seeking highly committed candidates for a postdoctoral position (2.5 yrs) and a PhD position (4 yrs) in the framework of the project "Effect of Lipid Asymmetry on the Activity of Outer Membrane Phospholipase A (OmpLA)" granted by the Austrian Science Fund (FWF). The central aim of the project is to (i) reconstitute OmpLA in different asymmetric lipid vesicles and (ii) characterize of its enzymatic activity using small-angle scattering techniques and physicochemical assays. The work will

be performed in close collaboration with international key researchers in the field, including extended visits for laboratory training.

We offer employment at the University of Graz, in a top-notch scientific environment at the interface of biophysics, physical chemistry and structural biology. Your application includes: letter of intent, CV, certificates, and contact information of previous supervisors. The deadlines for applications are August 16, 2019 for the PhD and October 4, 2019 for the PostDoc position, respectively.

For more information, see <https://homepage.uni-graz.at/en/georgpabst/team/open-positions/1-postdoctoral-and-1-phd-position/>.

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**[WS] [Ebsa] Nanolithography of Biointerfaces Faraday Discussion (London, UK, July 3-5)**

**[Nanolithography of Biointerfaces Faraday Discussion](#)**

3 - 5 July 2019, London, UK

This discussion aims to show the central and critical role of physical chemistry, and specifically physical-organic considerations, as 3D manufacturing approaches the molecular scale. The scientific programme balances sessions that address the soft-matter and biointerface manufacturing challenges, including instrumentation development, surface functionalization and characterization, and the thermodynamics of interfacial recognition.

Speakers include:

- Peter Seeberger Max Planck Institute of Colloids and Interfaces, Germany
- George Whitesides Harvard University, United States
- Jeffrey Gildersleeve National Cancer Institute, United States
- Yoshiko Miura Kyushu University, Japan
- Bart Jan Ravoo Westfälische Wilhelms-Universität Münster, Germany
- Elisa Riedo NYU - Tandon School of Engineering, United States
- Zijian Zheng The Hong Kong Polytechnic University, China

Discount registration is available until 20 May. More information may be found on the conference website: <http://rsc.li/soft-lithography-fd2019>

**Dr Heather Montgomery MRSC**, Deputy Editor  
*Faraday Discussions | Royal Society Open Science (chemistry)*  
*ChemComm | ChemSocRev*  
Royal Society of Chemistry  
T: +44 (0) 1223 432686 | [www.rsc.org](http://www.rsc.org)



### [WS] Workshop LUCE PER LA BIOFISICA, Parma



**UNIVERSITÀ  
DI PARMA**

DIPARTIMENTO DI SCIENZE  
MATEMATICHE, FISICHE  
E INFORMATICHE

Con il patrocinio di

**SIBPA**  
Società Italiana di Biofisica Pura e Applicata  
fondata nel 1973



## Luce per la biofisica

Venerdì 7 giugno 2019

Centro congressi S. Elisabetta - Campus Universitario, Parma

Il workshop propone riflessioni su aspetti di frontiera per la biofisica molecolare quali i processi cinetici, spesso eventi ultraveloci, che stanno alla base delle reazioni biochimiche che sostengono la vita, e gli studi morfologici e funzionali ad elevata risoluzione spaziotemporale su cellule viventi. La luce, sorgente di energia e fonte di informazione, svela dettagli che permettono di cogliere i legami tra struttura, dinamica e funzione nei processi biologici.

Per i giovani ricercatori è possibile proporre brevi comunicazioni orali di 15 minuti. Tra le proposte pervenute verranno selezionati 4 contributi che saranno presentati all'interno del workshop.

### Programma

#### 9.30 Registrazione

**Giulio Cerullo**, Politecnico di Milano

*Tracking primary photoinduced processes in (bio)molecules by ultrafast optical spectroscopy*

**Alberto Diaspro**, Istituto Italiano di Tecnologia, Genova

*Multi messenger optical microscopy: new windows to the cell*

**Massimo Trotta**, CNR-IPCF, Bari

*Powering the planet: the inspiring process of photosynthesis*

#### Relazioni selezionate

#### 13.00 Considerazioni conclusive e termine lavori

La partecipazione al workshop è libera e non è richiesta alcuna tassa di iscrizione. Per motivi organizzativi si prega di inviare la richiesta di partecipazione entro il 30 maggio 2019 a: [cristiano.viappiani@unipr.it](mailto:cristiano.viappiani@unipr.it)

I giovani ricercatori interessati a presentare una comunicazione sulle tematiche del workshop possono inviare un breve abstract a: [cristiano.viappiani@unipr.it](mailto:cristiano.viappiani@unipr.it) entro il 23 maggio 2019.

Per informazioni contattare Stefania Abbruzzetti ([stefania.abbruzzetti@unipr.it](mailto:stefania.abbruzzetti@unipr.it)) o Cristiano Viappiani ([cristiano.viappiani@unipr.it](mailto:cristiano.viappiani@unipr.it)).



**[CS] IVSLA International School on Nanoscale Optical Microscopy, Venice**

IVSLA International School on Nanoscale Optical Microscopy - 11 - 14 June 2019, Venice, Italy  
<https://mix.iit.it/events/ivsla-2019>

**Directors:** Alberto Diaspro (IIT, UNIGE), Paolo Bianchini (IIT), Giorgio Giacometti (IVSLA).

The objective of this School is to advance the field of nanoscale optical microscopy operating at the scale of nanometres to tens of nanometres, through the exchange of information, ideas, and innovative techniques. The understanding of methods and techniques has the great potential of allowing, in the near future, for the design and performance of new exciting experiments in Biophysics, Optics and Photonics. Shots of current technologies by companies leaders in the field.

**Confirmed Faculty:**

Periasamy Ammasi, Nicholas Anthony, Paolo Bianchini, Francesca Cella Zancchi, Takahiro Deguchi, Alberto Diaspro, Joerg Enderlein, Satoshi Kawata, Luca Lanzanò, Aymeric Le Gratiet, Michael Mancini, Peter Saggau, Lotar Schermelleh, Stefano Selci, Colin Sheppard, Peter So, Arianna Traviglia, Giuseppe Vicidomini, Paul Wiseman

Lessons will be held in the magnificent Palazzo Loredan, Venice -

<http://www.istitutoveneto.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/26>

We have only 35 seats with lodging plus 10 without.

**TypeFee in Euros (€)**

(IIT-SIOF-SIBPA vs. others) including lodging, social dinner, lunches and coffee breaks€550/600

(IIT-SIOF-SIBPA vs. others) without lodging, but including social dinner, lunches and coffee breaks€200/250

Current acceptance criterium: first in first out.

**Email for booking your seat to [alberto.diaspro@iit.it](mailto:alberto.diaspro@iit.it) and [manuela.salvatori@iit.it](mailto:manuela.salvatori@iit.it)**

Mandatory subject: "YOURSURNAME-VENICE2019"

**[Conf] [Frontiers in Water Biophysics](http://www.waterbiophysics.eu), Erice (TP) - <http://www.waterbiophysics.eu>**

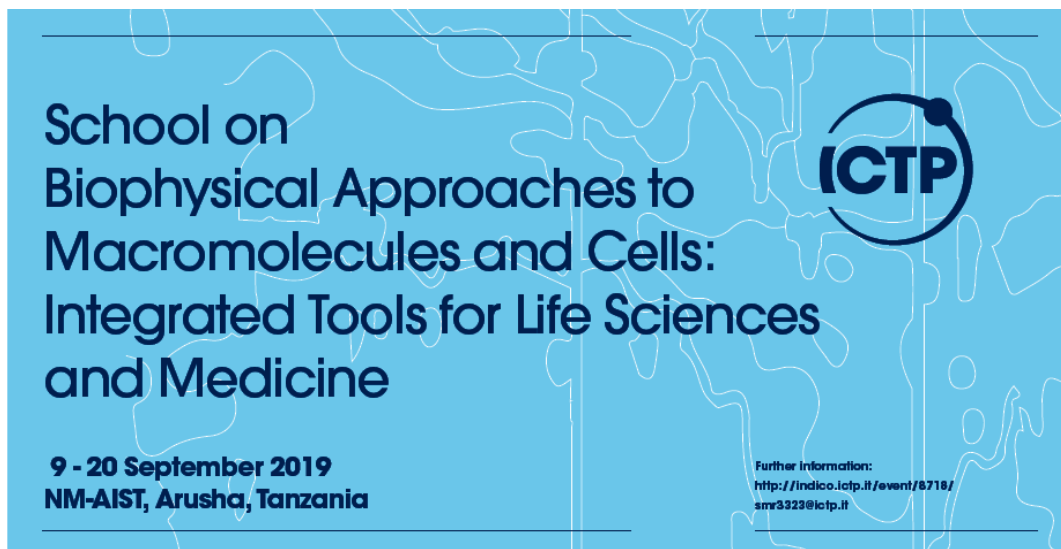


**Welcome to "Frontiers in Water Biophysics"**

The 5<sup>th</sup> Conference on Frontiers in Water Biophysics (FWB) will take place in Erice, Sicily (Italy), from July 21-26, 2019, in the ETTORE MAJORANA FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE (EMFCSC, <http://www.csem.infn.it>), in the frame of the XI Course of the International School of Statistical Physics (Directors: Peter Hanggi, Fabio Marchesoni)

*The conference offers opportunities for presentation and discussion of the most up-to-date research in the field of water structure and dynamics at the nanoscale and mesoscale, properties which make water a unique molecule in all aspects of human life. Main topics will cover the active role of water in food, pharmaceutical and life sciences, and on their related technological aspects.*

[CS] ICTP International School, Arusha Tanzania



**School on  
Biophysical Approaches to  
Macromolecules and Cells:  
Integrated Tools for Life Sciences  
and Medicine**

**9 - 20 September 2019  
NM-AIST, Arusha, Tanzania**

**ICTP**

Further information:  
<http://indico.ictp.it/event/8718/smv3323@ictp.it>

The application of physics to the life sciences has a long history, but over the last decades there has been a marked acceleration in a variety of related fields. Current approaches require a much closer link between physicists, chemists, computational scientists, on the one hand, and biologists/medical scientists, on the other, as well as the acquisition of a shared "language" and background.

The aim of the school is to introduce young African researchers to the latest developments in the field of molecular biophysics, and to help forge links between theoretical and experimental communities, acting as a focus for the emerging biophysical sciences in Africa.

#### Description:

The rapid development in the fields of biophysics, structural biology and nanotechnology has made available a new range of tools and approaches that have revolutionized biological and medical research, by allowing scientists to understand biology at the molecular level, manipulate nano-particles and macromolecular objects, and to monitor the behavior of single molecules. These developments are strongly connected to advances in computational biology and structural bioinformatics - ranging from structural biology to nanobiophysics, nanomedicine, single-molecule approaches - and with a revolutionary impact on biotechnology, pharmacology, drug delivery and early diagnostics of wide spread diseases.

#### Topics:

- Structural Biology
- Molecular Biophysics
- Single-molecule Experiments
- Data Science
- Drug Design
- Molecular Dynamics
- Aqueous Chemistry

#### How to apply:

Online application:  
<http://indico.ictp.it/event/8718/>

Female scientists are encouraged to apply.

#### Grants:

A limited number of grants are available to support the attendance of African selected participants. There is no registration fee.

#### Directors:

L. CASALIS, Elettra-Sincrotrone Trieste  
L. W. KIRURI, Kenyatta University  
A. A. MOHAMMED KHALID, Göttingen University  
M. N. NGAVOUKA, Univ. Marien Ngouabi, Brazzaville  
S. ONESTI, Elettra-Sincrotrone Trieste

#### Local Organizers:

D.M. SHADRACK, CREATES, NM-AIST, Arusha, Tanzania  
H.S. SWAI, CREATES, NM-AIST, Arusha, Tanzania

#### ICTP Scientific Contact:

A. HASSANALI, ICTP

#### School Lecturers:

L. CASALIS, Elettra, Italy  
R. COSSIO, University of Antioquia, Colombia  
A. HASSANALI, ICTP, Italy  
J. FERNANDEZ, Columbia University, USA  
F. FRATERALI, King's College London, UK  
W. HOL, University of Washington, USA  
L. KIRURI, Kenyatta University, Kenya  
A. LAJO, SISSA, Italy  
B. MARINI, Unisse Biomed, Italy  
A. A. MOHAMMED KHALID, Göttingen University, Germany  
M. NGAVOUKA, University Marien Ngouabi, Congo  
S. S. NYADORO, University of Dar Es Salaam, Tanzania  
F. OLAJUIGBE, Federal Univ. of Technology, Nigeria  
S. ONESTI, Elettra, Italy  
V. RONDELLI, University of Milan, Italy  
Z. SAYERS, Sabanci University, Turkey  
C. SCHMIDT, Duke University, USA  
D.M. SHADRACK, CREATES, NM-AIST, Tanzania  
H.S. SWAI, CREATES, NM-AIST, Tanzania

#### Deadline:

**31 May 2019**

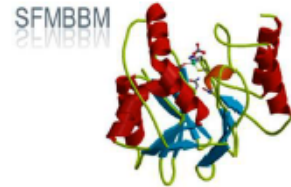


[WS] [Ebsa] One-day Symposium "Protein Folding and Stability" (Liege, Aug 30)



**fnrs**  
LA LIBERTÉ DE CHERCHER

The BELGIAN BIOPHYSICAL SOCIETY  
Further supported by the FNRS Graduate School  
"Structure and Function of Biological  
Macromolecules, Bioinformatics and Modelling"  
ORGANIZES THE 17<sup>th</sup> ONE-DAY SYMPOSIUM



## PROTEIN FOLDING AND STABILITY

ON FRIDAY THE 30<sup>th</sup> OF AUGUST 2019  
AT THE UNIVERSITY OF LIEGE  
AMPHITHEATRE 204, "Amphithéâtres de l'Europe"  
DOMAINE UNIVERSITAIRE DU SART TILMAN  
BATIMENT B4  
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09:45-10:00 WELCOME

Chair : Kerensa Broersen (University of Twente, The Netherlands)

10:00-10:45 Tassos Economou (Mol. Bact., Rega Inst. KULeuven, Belgium)

*"Folding the secretome. Not."*

10:45-11:15 COFFEE BREAK

11:15-12:00 Iñaki Guijarro (Plate-Forme Tech. RMN Biol., Institut Pasteur, Paris, France)

*"Hydrophobin functional amyloids"*

12:00-12:45 Alexander Büll (Tech. Univ. Denmark, DTU, Lyngby, Denmark)

*"Phi-value analysis of amyloid fibril growth"*

12:45-13:45 LUNCH

13:45 –14:30 Simon Ebbinghaus (Ruhr-University, Bochum, Germany)

*"Mutational response of protein folding in vivo"*

14:30-15:15 Alexandre Chenal (Bioch. Interactions Moléculaires, Institut Pasteur, Paris, France)

*"Disorder-to-order transitions of the CyaA toxin are crucial for its secretion, folding and host cell hijacking"*

15:15-16:00 Laurent Gatto (De Duve Inst., Comput. Biol. Bioinf., UCL, Belgium)

*"Mapping the sub-cellular proteome"*

16:00 General assembly of the BBS and RECEPTION

**Contact:** Prof André Matagne ([amatagne@ulg.ac.be](mailto:amatagne@ulg.ac.be)). Registration is required via [www.biophysics.be](http://www.biophysics.be). Admission is free for members; non-members of the Biophysical Society (<http://www.biophysics.be>) should pay their membership (15 EUR to be paid to the account of the Belgian Biophysical Society, IBAN BE73 0000 1463 3660, BIC BPOTBE1, P/A Yves Engelborghs, Celestijnenlaan 200 G-box 2403, B3001 Leuven).

**[Conf] FisMat 2019, Catania**



**FisMat  
2019**

**University of Catania**  
**September 30 – October 4, 2019**  
**Conference Chairs:**  
**Ezio Puppini (CNISM)**  
**Corrado Spinella (CNR)**  
**Francesco Priolo (University of Catania)**

FisMat 2019, the Italian National Conference on the Physics of Matter (Including Optics, Photonics, Liquids, Soft Matter), will be held from September 30 to October 4, 2019 in Catania, hosted by the Dipartimento di Fisica e Astronomia "Ettore Majorana" of the University of Catania.





**UNIVERSITÀ  
degli STUDI  
di CATANIA**

**Scientific Committee**  
Chair: Maria Grazia Grimaldi  
Giuseppe Angilella (Univ. Catania)  
Stefano Atzeni (Univ. La Sapienza)  
Federico Boscherini (Univ. Bologna)  
Paolo De Natale (CNR - INO)  
Aldo Di Carlo (Univ. Tor Vergata)  
Stefano Fabris (CNR - IOM)  
Giuseppe Falci (Univ. Catania)  
Carlo Ferdeghini (CNR - SPIN)  
Giacomo Ghiringhelli (Polit. Milano)  
Giuseppe Gigli (Univ. Salento)  
Giuseppe Gonnella (Univ. Bari)  
Antonino La Magna (CNR - IMM)  
Maurizio Leone (Univ. Palermo)  
Giampaolo Mistura (Univ. Padova)  
Mauro Nisoli (Polit. Milano)  
Vittorio Privitera (CNR - IMM)  
Gianmichele Ratto (CNR - NANO)  
Lucia Sorba (CNR - NANO)

**Scientific secretariat**  
Antonella Tajani (CNR)

**Organizing local committee**  
Chairs: Antonio Terrasi (Univ. Catania), Giorgia Franzò (IMM-CNR)  
Riccardo Reitano, Luigi Amico, Elisabetta Paladino, Nunzio Guardone (Univ. Catania);  
Fabrizio Roccaforte, Maria Miritello, Silvia Scalese, Giuseppe Pantè (IMM-CNR).

**Major topics**

- Advanced computational methods
- Biophysics
- Cultural heritage
- Energy and environment
- Magnetism and correlated systems
- Nanoscience and nanotechnology
- Neurosciences
- Optics and photonics
- Organic materials
- Oxides and compounds
- Plasma physics
- Quantum information and technologies
- Semiconductors and devices
- Sensors
- Soft matter
- Statistical physics
- Superconductivity
- Synchrotrons and FELs
- Two dimensional materials

**Important dates**

Abstract submission 18/02/19 - 03/05/19  
Online registration 19/06/19 - 29/09/19

**Registration fee**

Online before the conference:	<b>300 €</b>
Onsite	<b>350 €</b>
Young participants (born in 1989 or after)	<b>50 €</b>

The fee includes full access to the conference, the exhibit area and coffee breaks.

Lunch service available on the conference site.

Details for the exhibitors will be published on the web site of the conference.

**Contacts**

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*[Newsletter closed on 28/05/2019]*