

## NEWSLETTER 2020

### # 1 – January

- ✓ Calls for Positions [CfPo]
- ✓ Congresses [CONGR]
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- ✓ EBSA News associated with  
biophysics [Ebsa]
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- ✓ Events sponsored a/o supported by  
SIBPA [bySIBPA]



[by SIBPA] [CONGR] Congresso Nazionale congiunto SIBPA-SIFB 2020



Convegno congiunto  
**SIBPA - SIFB 2020**

7-9 luglio 2020  
Università di Parma



**Società Italiana di  
Biofisica Pura e Applicata  
XXV Congresso Nazionale  
SIBPA 2020**

**Società Italiana di  
Fotobiologia  
Congresso Annuale  
SIFB 2020**

## Topics

Molecular Biophysics

Cell and tissue Biophysics

Systems Biophysics/ Environmental  
Biophysics

Light -responsive materials

Light and human health

In vitro photodynamic investigations:  
focus on antimicrobial and  
antitumoral strategies

Applied Photobiology and Biophysics

Photobiology and Biophysics at the  
nanoscale

Optical and spectroscopic methods  
applied to Biology and Medicine

## **[CfPO] [Ebsa] PhD positions in Physics and Chemistry of Biological Systems at SISSA**

There are 5 positions available for the PhD in "Physics and Chemistry of Biological Systems" at the International School for Advanced Studies (SISSA), Trieste, Italy.

**The application deadline is January 21, 2020 for non EU students and March 3, 2020, for EU students**

Students are expected to join the written and oral exam on March 25. Non EU students might be selected directly with a Skype interview or might receive a fellowship to be invited to participate to the written exam. See below for contributions towards traveling expenses.

Applicants should have a good background in Physics, Chemistry, Applied Mathematics or related subjects and are expected to obtain their Laurea Specialistica or equivalent degree by Autumn 2020.

The announcement can be found here:

<https://www.sissa.it/sbp/phdsection/phd.php>

Notice that **SISSA can cover, in full or in part, the expenses of students** who, after the first screening based on CV and letters of presentations, are admitted to the local entrance exam. Please contact [bussi@sisssa.it](mailto:bussi@sisssa.it) for further information.

Admitted students will have the opportunity to follow a one-year educational program in an international and interdisciplinary environment, followed by three years of active research in one of the following areas:

- Structural bioinformatics
- Statistical mechanics of complex molecular systems
- Self-assembly
- Biomolecular simulations
- Simulations of rare events
- Data science of complex and biomolecular systems
- Polymer physics
- Bayesian statistical models applied to high-dimensional biomedicine (data science fellowship)

One of the 5 positions is bound to the data science project.

For further information about the available research lines and past entrance exams see:

<http://www.sissa.it/sbp/phdsection/entranceexam.php>

and related webpages.

You can also find a flyer at this link:

[https://www.sissa.it/sbp/phdsection/flyer\\_sbp\\_2020.pdf](https://www.sissa.it/sbp/phdsection/flyer_sbp_2020.pdf)

Feel free to forward this notice to anyone who might be interested.

Giovanni Bussi

**[CfPO] [Ebsa] PhD position available in Mathematical Biology, University of Liverpool**

<https://www.findaphd.com/phds/project/mechanistic-modelling-of-par-polarity/?p117378>

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**[Mechanistic Modelling of PAR Polarity at University of Liverpool on FindAPhD.com](https://www.findaphd.com/phds/project/mechanistic-modelling-of-par-polarity/?p117378)**

[www.findaphd.com](http://www.findaphd.com)

PhD Project - Mechanistic Modelling of PAR Polarity at University of Liverpool, listed on FindAPhD.com

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**Dr Natasha Savage**

Department of Functional and Comparative Genomics, Institute of Integrative Biology, University of Liverpool  
Crown Street, Liverpool L69 7ZB, Tel: +44 (0) 151 795 4570, <http://www.liv.ac.uk/integrative-biology/staff/natasha-savage/>

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**[CfPO] [Ebsa] Two Post-doc positions in Leeds**

There are two positions in my laboratory in Leeds: a 3-year BBSRC-funded postdoctoral position on the structure and function of integral membrane-pumping pyrophosphatases. This builds upon our work published over the last several years in Science, Nature Communications and Science Advances. It will focus on understanding the mechanism in detail using a combination of FRET, PELDOR, modelling, and X-ray crystallography.

<https://jobs.leeds.ac.uk/vacancy.aspx?ref=FBSBM1137>

The second position is a senior research technician position, on the same grant, to provide support for this and other membrane protein projects in the lab.

<https://jobs.leeds.ac.uk/vacancy.aspx?ref=FBSFO1137>

The equipment at the University of Leeds for structural biology and biophysics in general, and membrane protein biology in particular, is second to none. I have a decent-sized, friendly and highly cooperative laboratory.

Please contact me if you have any questions about either position.

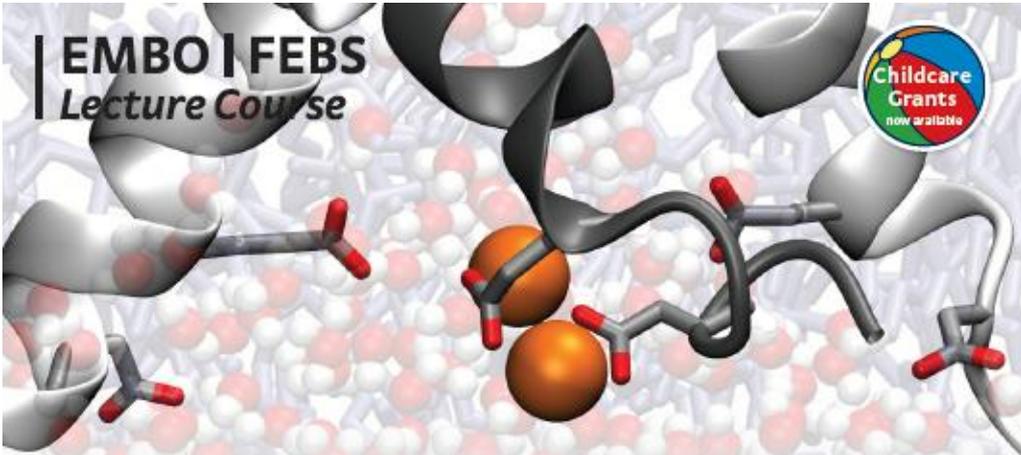
Adrian Goldman [A.Goldman@leeds.ac.uk](mailto:A.Goldman@leeds.ac.uk)

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[CS] EMBO/FEBS Lecture Course on Ion Channels and Transporters, Erice, 17-23 May 2020

<http://meetings.embo.org/event/20-ion-channels>



**EMBO | FEBS  
Lecture Course**

**Ion channels and transporters:  
From molecule to man**

17 – 23 May 2020 | Erice, Italy

**ORGANIZERS**  
**Stephan A Pless**  
University of Copenhagen, DK

**CO-ORGANIZERS**  
**Alessio Accardi**  
Cornell University, US  
**Paolo Tammaro**  
University of Oxford, UK

**REGISTRATION**  
**Abstract submission deadline**  
1 March 2020

Student/Postdocs.....600 EUR  
Academic.....1000 EUR  
Industry.....1000 EUR

**CONTACT**  
**Stephan Pless**  
STEPHAN.PLESS@SUND.KU.DK

**SPEAKERS**  
**Alessio Accardi**  
Cornell University, US  
**Andrea Bruggemann**  
Nanon Technologies, DE  
**Anna Moroni**  
University of Milan, IT  
**Baron Chanda**  
University of Wisconsin, US  
**Chris Miller**  
Brandeis University, US  
**Crina Nimigean**  
Cornell University, US  
**Elisabeth Carpenter**  
University of Oxford, UK  
**Filippo Mancia**  
Columbia University, US  
**Frances Ashcroft**  
University of Oxford, UK  
**Francisco Bezanilla**  
University of Chicago, US  
**Gerhard Thiel**  
Technical University Darmstadt, DE

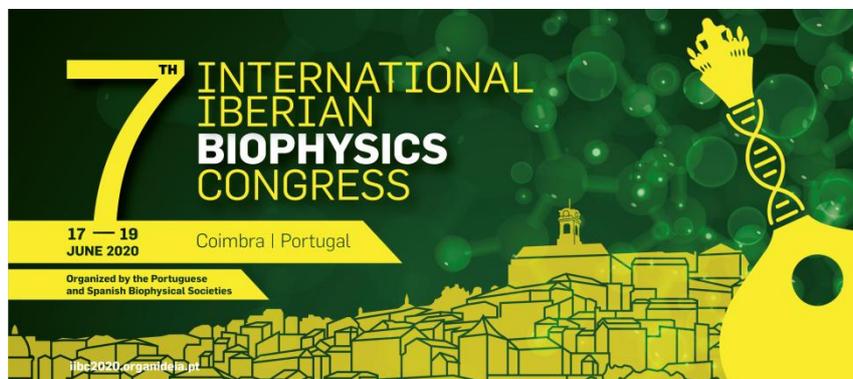
**Jose Faraldo-Gomez**  
National Institutes of Health, US  
**Kristian Strømgaard**  
University of Copenhagen, DK  
**Lesley Anson**  
Anson Scientific, UK  
**Lucia Sivilotti**  
University College London, UK  
**Lucie Delemotte**  
KTH Royal Institute for Technology, SE  
**Lucy Forrest**  
National Institute of Neurological Disorders and Stroke, US  
**Michael Pusch**  
Institute of Biophysics, IT  
**Nancy Carrasco**  
Vanderbilt University, US  
**Olga Boudker**  
Cornell University, US  
**Ramon Latorre**  
University of Valparaiso, CL

**Paolo Tammaro**  
University of Oxford, UK  
**Simon Scheuring**  
Cornell University, US  
**Stephan A Pless**  
University of Copenhagen, DK  
**Stephen Tucker**  
University of Oxford, UK  
**Teresa Giraldez**  
University of La Laguna, ES

[meetings.embo.org/event/20-ion-channels](http://meetings.embo.org/event/20-ion-channels)



**[CONGR] [Ebsa] 7th International Iberian Biophysics Congress - First Announcement**



The 7<sup>th</sup> International Iberian Biophysics Congress will take place in June 17-19, 2020 in the city of Coimbra, famous for its university established in 1290, the oldest academic institution in the Portuguese-speaking world.

***Please save the important dates:***

March 15: Final deadline for early registration fee

March 15: Final deadline for abstract submission

April 30: Final decision of contribution acceptance by the Scientific Committee

June 17- 19: Conference

**Venue, travel and accommodation**

Please visit the conference site for detailed practical information:

<https://iibc2020.organideia.pt>

**Programme**

The preliminary program, including invited speakers, is available at

<https://iibc2020.organideia.pt/programme/> (opens in browser)

<https://iibc2020.organideia.pt/wp-content/uploads/2019/12/Program-v1-December2019.pdf>

(download version)

It is organized in the following ten symposia:

- New and Notable
- Biophysics in Health
- Biophysics in Industry
- Protein Structure, Dynamics and Function
- Nucleic Acids and Supramolecular Complexes
- Channels, Receptors and Transporters
- Cell Biophysics
- Membrane Structure and Function
- Computational and System Biophysics
- Awards Symposium

### **Call for abstracts**

Abstracts are invited for oral and poster presentations, and should be submitted using the online abstract submission system:

<https://iibc2020.organideia.pt/abstracts/>

### **Registration**

Early bird registration is now open. Fee information and the online registration form are available at

<https://iibc2020.organideia.pt/registration/>

### **Grants**

Travel bursaries will be available for young (PhD students and postdocs) attendees who are members of the Spanish (SBE) or Portuguese (SPBf) Biophysical Societies, with additional support from the European Biophysical Societies' Association (EBSA) to young researchers outside the Iberian Peninsula.



Biophysics in Europe

Further information will be posted on the conference site in due course.

We welcome your participation and look forward to meeting you in Coimbra!

Kind regards (and seasonal greetings),

Maria João Moreno (Conference Chair)

Biological Chemistry Group, Coimbra Chemistry Center, Coimbra, Portugal

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### **[CONF/MT] [Ebsa] 7th European Joint Theoretical/Experimental Meeting on Membranes (EJTEMM 2020) - May 6 - 8, 2020 Graz (Austria)**

We announce the opening of the registration and abstract submission pages for the 7th European Joint Theoretical/Experimental Meeting on Membranes (EJTEMM 2020) - May 6 - 8, 2020 Graz (Austria) (<https://7th-european-membrane-meeting.uni-graz.at/en/>).

We are putting together an exciting meeting covering experimental and theoretical issues of:

- \* Complex Membrane Mimetics
- \* Membrane Curvature
- \* Lipid Protein Interactions
- \* Non-lamellar Phases
- \* Membrane Active Peptides
- \* Lipid Droplets

At the same time the meeting also marks the contributions of Karl Lohner to the field (so secrecy is still appreciated).

Invited Speakers:

- \* Lise Arleth (Copenhagen University, Denmark)
- \* Patricia Bassereau (Institut Curie, Paris, France)
- \* Miguel Castanho (Instituto de Medicina Molecular, Lisboa, Portugal)
- \* Rumiana Dimova (Max Planck Institute, Golm, Germany)
- \* Erik Lindahl (Stockholm University, Sweden)
- \* Siewert Jan Marrink (University of Groningen, The Netherlands)
- \* Luca Monticelli (CNRS, Lyon, France)
- \* Maria Andrea Mroginski (Freie Universität Berlin, Germany)
- \* Jesus Perez-Gil (Universidad Complutense, Spain)
- \* Sylvie Roke (EPFL, Lausanne, Switzerland)
- \* Lorenzo Stella (Università di Roma Tor Vergata, Roma, Italy)
- \* John Seddon (Imperial Collage, London, UK)
- \* Robert Vácha (CEITEC, Brno, Czech Republic)
- \* Hans Vogel (University of Calgary, Canada)
- \* Anthony Watts (University of Oxford, UK)
- \* Primož Zihelr (Jozef Stefan Institute, Slovenia)

Registration fees (includes all meals and coffee breaks):

- \* Early regular (EUR 180.-) / student (EUR 130.-)
- \* Late regular (EUR 220.-)/ student (EUR 150.-)

PhD students and Postdoctoral fellows from the EU area may ask for support to attend the meeting (EBSA bursary)

!Please note that the meeting is limited to 130 participants. We will follow the first come first serve rule for accepting registrations!

Dealines:

- \* EBSA Bursary Application: February 23, 2020
- \* Early Registration: March 1, 2020
- \* Abstract Submission: March 1, 2020

Looking forward to welcoming you in the beautiful city of Graz in spring 2020,  
Georg Pabst, University of Graz, Institute of Molecular Biosciences, Biophysics Division, Humboldtstr  
50/III, 8010 Graz, Austria, email: [georg.pabst@uni-graz.at](mailto:georg.pabst@uni-graz.at) web: <https://homepage.uni-graz.at/de/georgpabst/>

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*[Newsletter closed on 22/01/2020]*