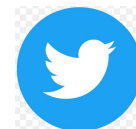


NEWSLETTER 2021, #04 – April

- Calls for Positions [CfPo]
- Congresses [CONGR]
- Conferences/Meetings [CONF/MT]
- Workshops/Symposia [WS/SY]
- Courses and Schools/Webinars [CS/WB]
- Call for papers/applications [CfP/A]
- EBSA News associated with biophysics [Ebsa]
- Media (publications, communication) [Mpc]
- Events sponsored a/o supported by SIBPA [bySIBPA]



[bySIBPA] Convocazione Assemblea e Rinnovo Quote Sociali

Gentile Socia/o,

La corrente situazione emergenziale che perdura da ormai un anno ha influenzato in maniera importante le attività di tutti noi, così come quelle della nostra Società. In particolare, come sai, è stato necessario rimandare il Congresso Nazionale SIBPA precedentemente fissato per l'estate 2020 al 2021. Il Congresso è storicamente il momento in cui i soci si riuniscono, parlano di scienza, definiscono il futuro della SIBPA in assemblea e rinnovano la propria iscrizione alla società. Questo momento di confronto è mancato per il 2020. Per poter procedere con la sua regolare attività, la Società ha bisogno di chiedere a tutti i suoi soci e simpatizzanti due semplici azioni (sotto descritte in dettaglio):

- (1) Procedere al rinnovo della quota sociale, in maniera da estendere e consolidare la propria base societaria;
- (2) Partecipare all'assemblea straordinaria indetta per la fine di Aprile; questa assemblea avrà come principale punto all'ordine del giorno una modifica allo statuto che preveda la possibilità di effettuare assemblea e rinnovo del consiglio direttivo in modalità digitale. Questo atto avverrà comunque durante l'estate, nell'ambito del congresso SIBPA, ma è necessario effettuare questa modifica in tempo utile.

Rinnovo quota sociale

Se siete interessati a rinnovare la vostra associatura alla SIBPA, è sufficiente procedere al bonifico della quota associativa di 15 euro (junior: non strutturati di età inferiore ai 35 anni) o 35 euro (senior) al conto corrente della SIBPA (vedi sotto) e inviare copia della ricevuta a segreteria@sibpa.it. L'iscrizione pagata entro il mese di aprile avrà validità fino al 31/12/2021 e permetterà di accedere ai vantaggi riservati ai soci SIBPA sino al 28/02/2022.

Bonifico bancario a favore di: SIBPA - Società Italiana di Biofisica Pura ed Applicata
Causale: Pagamento quota associativa senior/junior NOME e COGNOME del socio
IBAN: IT76 A033 5901 6001 0000 0147 208

Assemblea straordinaria

Con questo breve messaggio comunichiamo a tutti gli interessati la convocazione per l'assemblea straordinaria della Società Italiana di Biofisica Pura e Applicata che è stata indetta dal Consiglio direttivo per il Giorno

Venerdì 30/04/2021, ore 10.00

Dato lo stato di emergenza attualmente in vigore, associato al persistere della pandemia di COVID-19, tale assemblea sarà svolta in modalità remota utilizzando la piattaforma di comunicazione Zoom. Le specifiche modalità di partecipazione e il dettaglio dell'ordine del giorno verranno trasmessi a mezzo e-mail a questo indirizzo entro il giorno 23/04/2020 per consentire completa visione da parte di tutti i soci. Solo i soci in regola con il pagamento della quota associativa avranno diritto di partecipazione e voto all'assemblea straordinaria.

Il Consiglio Direttivo SIBPA

[bySIBPA] BioMolecular Concepts (De Gruyter)

Care Socie, cari Soci

come annunciato alla fine di marzo, SIBPA ha siglato un accordo di durata biennale con Biomolecular Concepts (BMC), una rivista peer-reviewed open access, del gruppo editoriale De Gruyter (<https://www.degruyter.com/journal/key/BMC/html>).

All'interno dell'accordo di collaborazione, BMC offre una sede editoriale per le pubblicazioni di SIBPA, sia per pubblicazioni ordinarie, sia per pubblicazioni parte di special/topical issues, incluso il numero speciale derivato dal congresso biennale SIBPA. Grazie alla generosa offerta del managing editor e dell'Editor in chief, prof. Enrico Di Cera, i soci SIBPA in regola con il pagamento della quota sociale potranno pubblicare i loro lavori scientifici su Biomolecular Concepts senza costi per i prossimi due anni (fino al termine del 2022). BMC contribuirà economicamente a sostenere le spese di svolgimento del prossimo convegno SIBPA.

Dal canto suo, SIBPA si impegna a sostenere BMC nella sua attività editoriale contribuendo lavori scientifici di elevata qualità. Il Consiglio Direttivo SIBPA invita pertanto i soci a considerare fin da subito Biomolecular Concepts per la pubblicazione dei propri lavori.

Troverete istruzioni dettagliate per la preparazione dei manoscritti sul sito della rivista <https://www.degruyter.com/journal/key/BMC/html>

Per l'invio del lavoro dovrete collegarvi all'Editorial Manager: <https://www.editorialmanager.com/bmc/default.aspx> e, una volta iniziata la procedura di submission, indicare "SIBPA Article" alla voce "Select Article Type".

The screenshot displays the 'BIOMOLECULAR CONCEPTS Editorial Manager' interface. At the top, there is a navigation bar with links for HOME, LOGOUT, HELP, REGISTER, UPDATE MY INFORMATION, JOURNAL OVERVIEW, MAIN MENU, CONTACT US, SUBMIT A MANUSCRIPT, INSTRUCTIONS FOR AUTHORS, and PRIVACY. The user's role is 'Author' and the username is 'cristiano.viapplanti@unlpr.it'. Below the navigation bar, there are three main steps: 'Article Type Selection', 'Attach Files', and 'Manuscript Data'. The 'Article Type Selection' step is active, showing a dropdown menu with options: None, Research Article, Case report, Editor's invitation, Communication, SIBPA article (highlighted), Rapid Communication, Review, Letter to the Editor, Commentary, and Mini review. A 'Proceed' button is visible next to the dropdown menu.

In caso di dubbi potete contattare la segreteria SIBPA.

Con i nostri più cordiali saluti

Il Consiglio Direttivo SIBPA

[CfPo] PhD program in Physics (optical imaging), Università di Milano Bicocca

A PhD fellowship is available (starting November 2021) on the FET European project IN2SIGHT (a micro-structured window on the biomaterial reaction in-vivo).

Description:

Routine clinical use of biomaterials requires the reduction of the economical and ethical costs of biocompatibility tests (ISO10993 EU norm) which are unsustainable for small-medium industries and for the society.

The project aims to an unprecedented breakthrough in in-vivo optical imaging that will radically renew the biocompatibility tests of biomaterials by employing a multispot-multiphoton device implanted in the lab animal. The PhD project is specifically devoted to the design, development and test in-vivo of the multifoci implantable device for non-linear excitation imaging.

The fellowship covers the 3 years duration of the PhD program in Physics, starting on November 2021.

Requirements:

- Master degree in Physics or Biomedical Engineering and high motivation to work in an interdisciplinary environment;
- fluent English skills, both written and spoken;

Previous experience in the design and implementation of optical setups at various levels are also desirable.

Applications should be sent through the web site of Università di Milano-Bicocca.

Keywords:

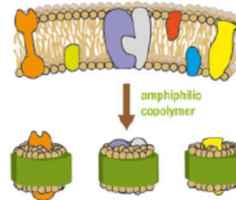
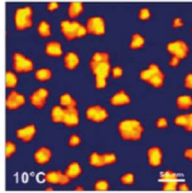
multiphoton excitation microscopy, aberration correction in optical systems, multifocal imaging

For more information on the project, the positions and the application deadlines, please visit : www.in2sight.eu; https://twitter.com/in2_sight.

Contact:

Prof. Giuseppe Chirico: giuseppe.chirico@unimib.it

[CfPo] [Ebsa] Scientific Project Manager & Science Writer (Biophysics, University of Graz)



The Biophysics group of Professor Sandro Keller at the Institute of Molecular Biosciences (IMB) of the University Graz, Austria is looking for a

Scientific Project Manager & Science Writer

(preferably full-time employment according to FWF standard salary for postdocs; initially fixed term for two years with possible extension; position to be filled as soon as possible)

We are looking for a new team member with a keen interest and a strong track record in communicating research results. In your role as Scientific Project Manager & Science Writer, you will be responsible for coordinating research projects, visualising results, and writing manuscripts in close cooperation with laboratory researchers at all career stages. You will work in a dynamic, inspiring, and interdisciplinary environment amongst enthusiastic scientists dedicated to elucidating the molecular details of how membrane proteins function in the complex milieu of a lipid membrane. You will support our research projects by providing strategic input and feedback and by assisting with the presentation and communication of our latest scientific findings.

Your responsibilities

- Science writing for progress reports, grant applications, and peer-reviewed publications
- Visualising research results and models for written publications and oral presentations
- Setting up and maintaining a website and contributing to science communication
- Coordinating and managing research projects (mostly funded by third parties)
- Identifying grant opportunities and possibilities for collaboration
- Attending and contributing to group and collaboration meetings
- Participating in third-mission tasks and public relations

Your profile

- Doctoral degree or equivalent in the life sciences or a related scientific field
- Excellent writing skills as required for scientific publications and grant applications
- Very good written and spoken English language skills, at least good command of German
- Facility with computer programs for visualising and presenting research results and models
- Ability to communicate effectively with colleagues, collaborators, and other scientists
- Experience in science management and communication (e.g., public relations, social media)
- Self-driven, independent, and responsible way of working

Our offer

The minimum salary corresponds to the FWF standard salary for postdocs; the actual salary may be higher if there are previous employment periods eligible for inclusion. In case of success, the initial two-year contract will be extended. We offer an exciting job with a lot of responsibility and variety. You can expect an enjoyable work atmosphere, flexible work hours, and numerous possibilities for further education and personal development. We welcome applications from persons with disabilities who meet the requirements of the advertised position.

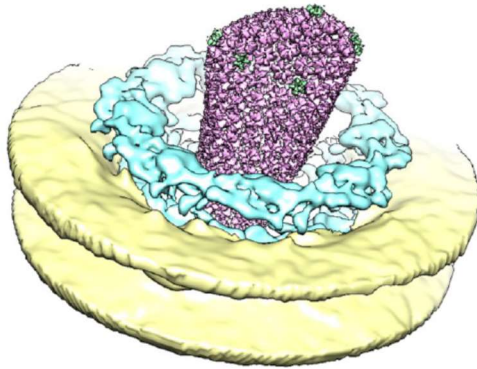
Your application

Your application should consist of a single PDF file containing (1) a motivation letter of no more than two pages, (2) a CV including a list of publications, and (3) the names and contact details of at least two individuals who can provide reference attesting to your professional abilities and qualifications. Please e-mail your application before 15th May 2021 to sandro.keller@uni-graz.at.

[CfPo] [Ebsa] Call for applications 2021 at the International Max Planck Research School in Cellular Biophysics

OPEN CALL FOR APPLICATIONS 2021

AT THE
INTERNATIONAL MAX PLANCK RESEARCH SCHOOL ON
CELLULAR BIOPHYSICS



AN OUTSTANDING PHD PROGRAM ACROSS THE DISCIPLINES OF

- BIOPHYSICS
- BIOLOGY
- BIOCHEMISTRY
- MOLECULAR BIOLOGY
- CHEMISTRY
- COMPUTER SCIENCES
- MICROBIOLOGY
- PHYSICS
- MATHEMATICS

WE OFFER

- State-of-the-art equipment for research in the field of biophysics: Our participating institutions host facilities for cryo-EM, X-ray crystallography, NMR, mass spectrometry, advanced light microscopy, and large-scale computing.
- An interdisciplinary life sciences campus (structural biology, cell biology, neurobiology, molecular biology, microbiology, biochemistry, computational biology, physics, mathematics and chemistry) with close links to the medical school.
- Fully funded PhD positions and assistance in all organizational matters
- A network of about 30 highly committed PIs from the participating institutions
- A community of PhD students who join the school together once a year
- A lab rotation in the beginning of the program

APPLY
UNTIL
MAY 15

Learn more about

- our structured PhD program
- our faculty
- our research topics
- and the application process:

www.imprs-cbp.mpg.de

MAX PLANCK INSTITUTE
OF BIOPHYSICS



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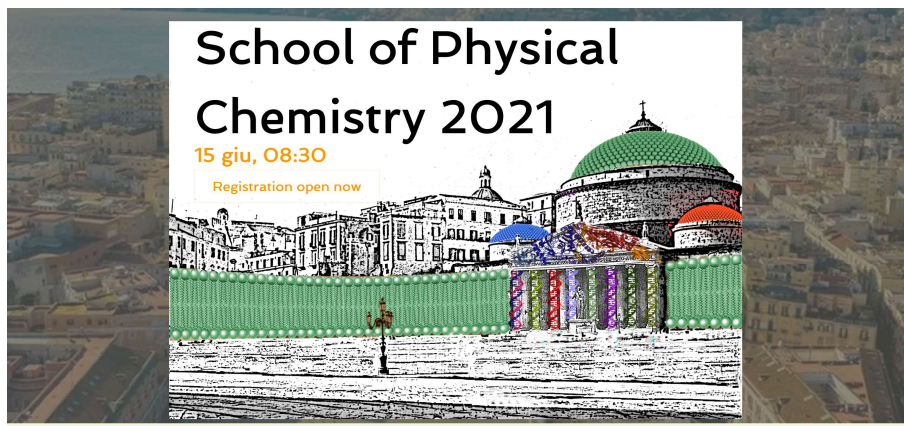


JG|U
JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



IMPRS
CELLULAR
BIOPHYSICS

[CS/WB] Scuola di Chimica Fisica 2021 "Supramolecular Interactions in Biological Systems"



<https://www.schoolofphysicalchemistry2021.com/>

The Physical Chemistry Division of the Italian Chemical Society is pleased to invite you to the national School of Physical Chemistry 2021.

This year topic is Supramolecular Interactions in Biological Systems and the school will be held remotely over MS Teams from the 15th to the 24th of June 2021.

Lectures will be oriented to graduated students, PhD students, postdocs and young researchers, covering a comprehensive path from fundamental aspects to cutting-edge applications of physico chemical methods and models for the study and the characterization of supramolecular interactions in biological systems.

[CONGR] [Ebsa] 13th European Biophysics Congress (Vienna, July 24-28, 2021)



Full information of the Conference: <https://www.ebsa2021.org/>

[CONGR] SIFB Italian Society of Photobiology – XXXII Annual Conference

The goal of the congress is to bring together scientists from around the world having a common interest in understanding the relationship between light and the surrounding environment. Due to the COVID19 pandemic, this year the meeting will take place as a **VIRTUAL EVENT** from **23rd to 24th June**.

A selection of leading scientists in the fields of photobiology, photo-pharmacology, photo-dermatology, optoelectronics, etc. has been invited to present their latest research advancements.

To view the list of invited speakers please visit the website at

http://www.sifb.it/index.php?option=com_content&view=article&id=168&Itemid=494

We invite all of you to submit abstracts for oral presentation or posters. The latter will be included as an interactive virtual session on the platform.

All PIs are asked to encourage their students and postdocs to submit posters for the meeting.

Registration Details:

Registration is open until **11th June**. To register go to

<https://docs.google.com/forms/d/e/1FAIpQLSfEVBnpUB5dJdpSpaaNWUzPw8JzjYBqnwKPMmt3rx29h-b0PQ/viewform>

VERY IMPORTANT: the virtual conference will be **FREE OF CHARGE** for all **REGISTERED** participants upon registration.

VERY IMPORTANT: Italian Participants will have to subscribe to the SIFB Society following the instructions at

http://www.sifb.it/index.php?option=com_content&view=article&id=134&Itemid=525

Abstract Submission Details:

Abstract submission for oral and poster presentations will close on the **10th May 2021**.

For any question please contact: info@sifb.it

[CONGR] 107 Congresso SIF online: sottomissione sunti - abstract submission

<https://www.sif.it/attivita/congresso/107>



Il [Congresso Nazionale SIF 2021](#), si terrà dal 13 al 17 settembre per via telematica.

I riassunti delle comunicazioni dovranno pervenire alla Società Italiana di Fisica **ENTRO IL 7 MAGGIO 2021**, con un massimo di 100 parole, senza figure, indicando la Sezione pertinente, con il nome dell'autore che presenterà la comunicazione sottolineato, nonché il suo indirizzo completo per la corrispondenza.

I riassunti possono essere inseriti [online](http://forms.sif.it/papersubmission.php) (<http://forms.sif.it/papersubmission.php>) oppure inviati via e-mail (congresso@sif.it). L'inserimento online è da considerarsi preferibile. Di norma ogni autore può essere segnalato come presentatore in una sola comunicazione.

Verranno pubblicati nel programma online del Congresso soltanto i riassunti pervenuti entro il termine e conformi alle norme prescritte. Le comunicazioni accettate saranno presentate con le modalità telematiche che saranno successivamente comunicate.

Almeno uno degli autori della comunicazione, possibilmente il presentatore, deve essere Socio della Società Italiana di Fisica.

Sezioni (clicca <https://www.sif.it/attivita/congresso/> per conoscere i temi delle sezioni):

Sezione 1: Fisica nucleare e subnucleare

Sezione 2: Fisica della materia

Sezione 3: Astrofisica

Sezione 4: Geofisica, fisica dell'ambiente

Sezione 5: Biofisica e fisica medica

Sezione 6: Fisica applicata, acceleratori e beni culturali

Sezione 7: Didattica e storia della fisica

PREMI PER LE MIGLIORI COMUNICAZIONI

Per le comunicazioni che vinceranno sono previsti premi e la pubblicazione su *Il Nuovo Cimento*.

Inoltre circa il 25-30% delle comunicazioni presentate saranno selezionate per la pubblicazione come breve articolo (4-6 pagine) nonostante non facciano parte della rosa dei vincitori.

[Mpc] *life* (MDPI) Special Issue: How Cosolvents and Cosolutes affect Biomolecules Stability and Activity

https://www.mdpi.com/journal/life/special_issues/cosolvents_cosolutes



an Open Access Journal by MDPI

**How Cosolvents and Cosolutes affect Biomolecules Stability and Activity**

Guest Editors:

Dr. Lucia Comez
IOM-CNR c/o Dipartimento di
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Dr. Maria Grazia Ortore
Department of Life and
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Polytechnic University, Via breccie
bianche, I-60131 Ancona, Italy
m.g.ortore@univpm.it

Deadline for manuscript
submissions:
31 July 2021

Message from the Guest Editors

This Special Issue focuses on biomolecules in the presence of a cosolvent or a cosolute, but its aim goes beyond this question. Although the description of a biomolecule solvation shell and of protein folding are some of the most pressing biophysical challenges, several points are still unclear and debated. The stability of biomolecules is crucial for several phenomena which are of interest for molecular biology, medicine and biotechnology, and physiological liquids are not solely composed of water. However, the molecular mechanisms behind the stabilization and destabilization of biomolecules by cosolvents or cosolutes are not yet included in a quantitative comprehensive theory. Stabilizers have generally been considered to be preferentially excluded from the protein surface, while de-stabilizers to preferentially bind to biomolecules' surfaces. Still others present controversial features according to their fraction in water. The study of mechanisms able to stabilize biomolecules can easily translate into the preservation of structure and functionality during storage and targeting, since many applications are affected by this issue.



[mdpi.com/si/67644](https://www.mdpi.com/si/67644)

Special Issue

[Newsletter closed on 26/04/2021]