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[bySIBPA] XXVI Congresso SIBPA

Ricordiamo ai soci che sono aperte le iscrizioni al [XXVI Congresso SIBPA](#) che si terrà dall'11 al 14 settembre nella splendida cornice dell'antico Conservatorio Santa Chiara a San Miniato, in Toscana.

La SIBPA offre 18 borse di studio, per studenti e ricercatori non strutturati, che copriranno le spese d'iscrizione al Congresso ed il soggiorno presso strutture a cura dell'organizzazione del Congresso. Le richieste di borsa di studio devono pervenire entro il 20 giugno 2022 all'indirizzo segreteria@sibpa.it contestualmente all'invio dell'Abstract e del proprio CV.

La sottomissione di abstract per il congresso deve avvenire entro il 30 giugno, secondo il template presente sulla [pagina web](#).

Speriamo di vedervi numerosi a settembre!

[bySIBPA] Premio "Gianfranco Menestrina" 2022

La SIBPA bandisce un premio per una Tesi di Laurea Magistrale di argomento biofisico intitolato alla memoria del Dr. Gianfranco Menestrina, discussa o depositata presso una Università italiana nel periodo 21 Giugno 2020 - 20 Giugno 2022, e svolta, almeno in gran parte, in Italia.



Le domande di partecipazione dovranno essere inviate entro il 30 Giugno 2022 per e-mail secondo il [regolamento](#).

[bySIBPA] Premio “Antonio Borsellino” 2022

La SIBPA bandisce un premio per una Tesi di Dottorato di Ricerca di argomento biofisico intitolato alla memoria del Professor Antonio Borsellino, discussa o depositata presso una Università italiana nel periodo 21 Giugno 2020 - 20 Giugno 2022, e svolta, almeno in gran parte, in Italia. Le domande di partecipazione dovranno essere inviate entro il 30 Giugno 2022 per e-mail secondo il [regolamento](#).

[Mpc] Eraldo Antonini Lifetime Achievement Award 2022

Con grande piacere comunichiamo ai soci che la Prof.ssa Giulietta Smulevich, docente di Chimica fisica nel Dipartimento di Chimica dell'Università di Firenze, riceverà il prestigioso “Eraldo Antonini Lifetime Achievement Award 2022” della Society of Porphyrins and Phthalocyanines. Il premio le verrà consegnato durante l'International Conference on Porphyrins and Phthalocyanines che si terrà a Madrid dal 10 al 15 luglio 2022, dove la Smulevich è stata invitata a tenere la Conferenza di apertura. Giulietta Smulevich è ben nota in Italia e all'estero per le sue fondamentali ricerche sulle relazioni tra struttura, funzione e dinamica di importanti emoproteine, studiate tramite spettroscopia risolta in tempo. Laureata in Chimica all'Università di Firenze, ha trascorso alcuni anni all'Università di Princeton lavorando con Thomas Spiro e altri eminenti scienziati. La sua caratura scientifica è documentata da quasi 200 lavori pubblicati su giornali di livello internazionale, e oltre 7000 citazioni. Congratulazioni.

[CfPo] PhD Position in Computational Life Sciences

We are looking for excellent candidates to work as a PhD candidate/ Postdoctoral researcher in the group for Computational Life Sciences, Division of Physical Chemistry, Ruđer Bošković Institute (<https://www.irb.hr/eng>), Zagreb (<https://www.infozagreb.hr>), Croatia, under the supervision of Prof. Ana Sunčana Smith. The interested young researchers should have an excellent track record and completed undergraduate or graduate studies in physics or biophysics, as appropriate for the academic level. PhD candidates will enroll in



doctoral studies at the Friederich Alexander University Erlangen Nürnberg in Germany, and follow the associated structured graduate programme.

The research topic focuses on theoretical modelling of non-equilibrium processes taking place on biological membranes, tissues and their soft matter analogous. Methods to be used by candidates include analytical and numerical approaches combined with high-performance computing simulations, including neural networks. By joining the Group, you will contribute to a highly dynamic, internationally competitive and multidisciplinary research endeavour, with opportunities for advancement and continuous training. The language of communication is English.

More information about the work of the Group:

<https://www.irb.hr/eng/Divisions/Division-of-Physical-Chemistry/Group-for-Computational-Life-Sciences>

<https://www.irb.hr/Zavodi/Zavod-za-fizicku-kemiju/Grupa-za-racunalne-bioznanosti>

www.puls.physik.fau.de

The candidates are most welcome to contact prof. Smith for any additional questions via mail on smith@physik.fau.de or asmith@irb.hr

[CfPo] Predoctoral contracts

The Laboratory of Molecular Biophysics of Universitat Jaume I (LMB-UJI, Department of Physics, UJI) is seeking candidates for two predoctoral 4-year contracts. Applicants must have a university degree obtained in a country not belonging to the European Union within the last four years and fulfil the requirements to be enrolled in the Doctoral Program of UJI at the onset of the predoctoral contract.

The PhD students will combine the use of electrophysiology techniques at the molecular level and theoretical models with computing and simulation tools to study protein channels. They will acquire basic biophysical skills that involve relevant concepts of physical chemistry of ionic solutions, membrane electrostatics, statistical thermodynamics and noise analysis. They will also benefit from the experience gained in LMB-UJI over the last decades in the characterization of ion transport in bacterial toxins, viral protein channels, mitochondrial porins and other biological nanopores and the ongoing international collaborations with top-quality laboratories.



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Biophysics background is preferred but highly motivated candidates with Master degrees in Physics, Chemistry, Biochemistry, Biology, Computing Science and related fields are also welcomed. For a glimpse of the current research interests in LMB-UJI, please check the recent publications at <http://biophysics.uji.es/molecular-biophysics/>

These contracts are funded by the Valencia Regional Government (Generalitat Valenciana) through the Santiago Grisolia Program. Applicants should send their expression of interest and their CV to A. Alcaraz (alcaraza@uji.es) or V. Aguilera (aguilell@uji.es)

[CfPo] Postdoc positions at Leibniz--Forschungsinstitut für Molekulare Pharmakologie

Postdoctoral positions on the intrinsically disordered proteins of the endocytic uptake machinery are open.

The Leibniz-Forschungsinstitut für Molekulare Pharmakologie (FMP) belongs to the Forschungsverbund Berlin e. V. (FVB). The FVB is an institution of seven natural sciences research institutes in Berlin funded by the Federal Republic of Germany and the association of its federal states. The research institutes are members of the Leibniz association. The FMP in Berlin is a non-university research institute that conducts basic research in molecular pharmacology and provides a vibrant and collaborative environment with state-of-the-art facilities for research and employees from all over the world.

We are looking for several post-doctoral fellows, funded amongst others by the ERC, to join the group 'Integrated Structural Dynamics' led by Dr. Sigrid Milles. The successful candidates will study the intrinsically disordered proteins involved in clathrin mediated endocytosis as well as their interplay with various interaction partners of the endocytic uptake machinery. The positions are to be filled as soon as possible and initially limited to 2 years with the potential for extension. The Milles lab (<https://www.leibniz-fmp.de/milles>) uses and develops integrated single molecule fluorescence and NMR spectroscopy approaches to study intrinsically disordered proteins with the aim of understanding the conformational dynamics regulating the early phases of clathrin mediated endocytosis, the major pathway for molecule import into the eukaryotic cell. The group is particularly interested to decipher and characterize the interactions at



play and relate their characteristics to liquid-liquid phase separation as well as function within the cell.

We seek highly motivated, ambitious, and talented young scientists to join an enthusiastic and collaborative team in an outstanding scientific environment to perform research. The successful candidates should have a PhD in biophysics/biochemistry, a solid background in NMR or (single molecule) fluorescence spectroscopy as well as a strong interest in interdisciplinary work on protein dynamics. Candidates with a background in cell biology or fluorescence imaging (microscopy) are also encouraged to apply.

We offer:

- An attractive environment in a pleasant, friendly working atmosphere with an excellent infrastructure
- Employment with all benefits of the public service
- Continuing education and training
- Family service.

Compensation is in accordance with the TVöD (German public service) salary scale. Social benefits correspond to those of the public service.

We offer equal opportunities regardless of gender and welcome applications of disabled candidates. They will be preferred in case of equal qualification. We welcome applications from all backgrounds.

For more information please contact Sigrid Milles: milles@fmp-berlin.de

On the [FMP homepage](#) please go to “Stellenangebote/Jobs” and click first on this advertisement and then on the button “Apply online”. Please combine your application documents including motivation letter, CV, contact information for three letters of reference and copies of degree certificates.

[CfPo] Postdoc position in Theoretical and Computational Biophysics at the Max Planck Institute for Multidisciplinary Sciences, Goettingen, Germany

The Research Group for Computational Biomolecular Dynamics (Prof. Dr. Bert de Groot) is inviting applications for a Postdoc Position: Development and application of alchemical free energy calculation methods for protein design, resistance prediction and ligand-protein binding free energies.

Please visit the department or group websites for further details on the requirements: www.mpinat.mpg.de/degroot



[CONF] EJTEMM 2022

Dear friends and colleagues,

We would like to invite you to the 8th edition of the European Joint Theoretical/Experimental Meeting on Membranes conference (EJTEMM 2022) that will take place in Prague between the 27th and 29th of June.

EJTEMM2022 is an interdisciplinary meeting that will gather experimentalists and theoreticians (~60 attendees) within the scope of biological membranes and biointerfaces. Its main aim is to exchange information, discuss, and present results related to biomembrane-related systems, namely: investigating the structural, dynamic, and functional aspects of biomembranes and their models using experimental, computational, and theoretical approaches. The goal of the 8th EJTEMM meeting is to strengthen links between groups and promote better understanding between experimentalists and theoreticians. The scientific program includes oral and poster presentations, and a significant amount of time will be devoted to discussions. The conference will take place at the historical building of the Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences in Prague. The conference fee is just ~300 Eur. More information about the conference and registration details can be found at <http://ejtemm2022.eu>

Kind regards, and looking forward to seeing you all in Prague,

Local organizing committee,

Hector Martinez-Seara and Lukasz Cwiklik

[CS] AILM2022: Advanced Isotopic Labelling Methods for Integrated Structural Biology, September 13-16 2022

Stable isotopic labelling approaches underpin myriad of applications using magnetic resonance approaches. AILM2022 conference will showcase the latest and most impactful developments in this area. This conference will draw on expertise from a variety of fields, including biochemistry, chemical biology, biophysics, structural biology, physics and chemistry. Participants will have a common interest in the development of advanced sample preparation techniques and their application in modern structural molecular biology and MR research. The conference will cover techniques for the production of isotopically-labeled proteins and nucleic acids, and their application in the study of



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biomolecular structure and dynamics. 20 lectures will be selected from submitted abstracts. The registration fees for young researchers is only 150 € and affordable single rooms on conference site are available. Please visit AILM2022 web site to obtain more information: www.ailm2022.org



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