

- **Calls for Positions [CfPo]**
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- **EBSA News associated with biophysics [Ebsa]**
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[bySIBPA] XXVII Congresso Nazionale SIBPA 2024

Siamo lieti di annunciare che il nostro prossimo congresso di terrà a Genova dal 16 al 20 giugno nella splendida cornice della Sala delle Grida. Vi aspettiamo!



www.sibpa.it



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www.sibpa.it/youtube

[bySIBPA] 48th Course: Memos for biophysics into the future



Ringraziamo tutti i partecipanti alla 48° Scuola di Biofisica "Antonio Borsellino" che ha celebrato i 50 anni della nostra società!

Ricordiamo a docenti e discenti la possibilità di mandare un contributo per uno special issue di Biomolecular Concept, con l'Open access gratuito. Se

interessati, è necessario inviare una mail con il titolo e un breve abstract entro il 7 novembre a daniela.giacomazza@cnr.it e mauro.dallaserra@cnr.it.

[bySIBPA] La biofisica svela le impronte della vita, Festival della Scienza, Genova

Nell'ambito delle celebrazioni dei 50 anni SIBPA, il 5 novembre alle ore 15:30, presso i Giardini Luzzati, ci sarà una tavola rotonda con Ranieri Bizzarri, Alberto Diaspro e Velia Minicozzi, modera Paolo Bianchini.

Ulteriori informazioni sul sito <https://www.festivalscienza.it/programma-2023/la-biofisica-svela-le-impronte-della-vita>.

[WS] XXIII Annual Linz Winter Workshop, Austria

The XXIII Annual Linz Winter Workshop will be held at the University of Linz, Austria and will focus on biological single-molecule research, nano-science, nano-medicine, cell-science and bio-nanotechnology and include force and optical microscopy/spectroscopy techniques. This year, special sessions on nano-medicine and high-speed atomic force microscopy will be organized.

The techniques presented will include: atomic force microscopy ~ fluorescence microscopy ~ optical/magnetic tweezers ~ dynamic force spectroscopy-optical spectroscopy ~ nano-mechanics ~ nano-fabrication methods ~ ultra-sensitive sensing. Further information and registration is available at

<https://www.jku.at/institut-fuer-biophysik/veranstaltungen/linz-winterworkshop/>

Registration and abstract submission deadline: December 1st, 2023.



[CfPo] Postdoctoral position in molecular simulations, machine learning, and statistical mechanics, France

We are seeking a highly motivated and talented postdoctoral candidate interested in molecular simulations, machine learning, and statistical mechanics to conduct research in the following areas:

- (1) Development of data-driven schemes for the discovery of slow variables.
- (2) Molecular simulations of complex mechanisms in large biological objects.
- (3) Computational modeling of transition pathways in high-dimensional systems.

Prior experience in computer programming, machine learning algorithms, and molecular simulations of biological systems is highly desirable, albeit not absolutely necessary. A strong background in physical sciences, possibly in applied mathematics, is required.

Details can be found at <https://euraxess.ec.europa.eu/jobs/150412>.

Chris Chipot

[CfPo] Postdoctoral position in in high-performance molecular simulations of biological systems, France

We are seeking a highly motivated and talented postdoctoral candidate interested in molecular simulations and statistical mechanics to conduct research in the following areas:

- (1) Molecular simulations of complex mechanisms in large biological objects.
- (2) Development of kinetic models to describe these complex mechanisms.
- (3) Investigation of complex biological processes.

A strong understanding of the tools and theoretical foundations of molecular simulations is necessary. Prior experience in simulating biological systems is desirable. A solid background in physical sciences is required.

Details can be found at <https://euraxess.ec.europa.eu/jobs/149977>.

Chris Chipot

