Newsletter
Gennaio 2026

SIBPA
Società Italiana di Biofisica Pura e Applicata
fondata nel 1973

Comunicazioni dalla SIBPA

Colloqui di Biofisica 2026

Care Socie e cari Soci,
il Consiglio Direttivo SIBPA è lieto di annunciare l'avvio di una nuova iniziativa: **"Colloqui di Biofisica"**, una serie di workshop tematici itineranti dedicati a specifici ambiti della biofisica, organizzati direttamente dai soci e supportati dalla Società. L'obiettivo è favorire la partecipazione attiva della comunità SIBPA, promuovere la diffusione della biofisica e rafforzare il dialogo scientifico tra ricercatori/ricercatrici.
Come funziona l'iniziativa: I "Colloqui di Biofisica" potranno essere proposti da almeno 3 soci, almeno 3 mesi prima della data prevista, indicando il tema e la sede (scelta liberamente dai proponenti). Ciascun/a socio/a potrà supportare una sola proposta. La SIBPA potrà dare visibilità alle iniziative attraverso i propri canali di comunicazione, fornire supporto organizzativo, compresa la realizzazione di una pagina web dedicata per la registrazione, la raccolta degli abstract e la pubblicazione del Book of Abstracts, ed eventualmente un contributo economico.
Per far fronte ad eventuali richieste di contributo economico da parte dei proponenti e per favorire la partecipazione di giovani a tali attività, la SIBPA mette a disposizione, per il 2026, un ammontare massimo complessivo di 2000 euro. Le socie e i soci proponenti costituiranno il Comitato Scientifico del workshop e prepareranno una sintesi dei lavori e dei risultati, che potrà essere presentata nel Congresso SIBPA successivo. Ogni Colloquio avrà la durata di una/mezza giornata e la partecipazione sarà gratuita per i soci e le socie. È in corso la costituzione di un Comitato all'interno del Consiglio Direttivo, che valuterà le proposte (con due finestre annuali) e coordinerà le attività. La valutazione delle proposte avverrà su base scientifica e si terrà in considerazione la data di arrivo della proposta e la sede dell'evento in modo da favorire un'equa distribuzione delle iniziative sul territorio nazionale. Non potranno essere svolti Colloqui di Biofisica in date coincidenti con il Congresso della SIBPA e analoghe iniziative istituzionali della società.
A fine anno, i materiali dei vari workshop potranno confluire in un Quaderno SIBPA intitolato "Colloqui di Biofisica", raccogliendo tutti i Book of Abstracts. Vi invitiamo sin d'ora a pensare alla vostra proposta: un'occasione per condividere idee, costruire nuove collaborazioni e far crescere insieme la nostra comunità scientifica. Per questa prima

richiesta di espressione di interesse, vi invitiamo a compilare il modulo online disponibile al seguente link https://bit.ly/PropostaColloquiBiofisica-SIBPA

Ritenendo realistico fare non più di 4 colloqui all'anno, vi invitiamo a compilare la richiesta entro il 31/01/2026 per i possibili colloqui del 2026.
SCADENZA: 31/01/2026

Conferences

International Congress on Biological Physics (ICBP2026), Genova

The International Congress on Biological Physics, takingwill take place next Summer in Genova, Italy, from June 28 to July 5, 2026.https://www.icbp2026.org/

The Italian Society of Pure and Applied Biophysics (SIBPA) is privileged to organise this conference under the auspices of the International Union of Pure and Applied Physics (IUPAP). Specifically, the Commission on Biological Physics (C6), established by IUPAP in 1990, which aims to promote the exchange of information and views among the members of the international scientific community in the general field of Biological Physics.

Since the inaugural meeting at Szeged, Hungary in 1993, the International Conference on Biological Physics has been held in celebrated places around the world; including Munich (1995), Santa Fe, New Mexico (1998), Kyoto (2001), Gothenburg (2004), Montevideo (2007), San Diego (2011), Beijing (2014), Rio de Janeiro (2017), Madrid (2019) and Seoul (2023).
The 2026 IUPAP Medal for “Physics of Life” will be announced and awarded at the conference.
The conference will have 18 topical sessions, ranging across a broad spectrum of systems and scales, and covering both theoretical and experimental advances in the field.

Key dates:
28 February 2026 | Deadline for abstracts to be considered for oral presentation
31 March 2026 | Notification of selected oral presentations

Secretariat info at: info@icbp2026.org

Pietro Cicuta, Alberto Diaspro and Patricia Bassereau

on behalf of all the Organising Committee of ICBP 2026

GENOA ICBP 2026 June 28 – July 3

12TH INTERNATIONAL CONFERENCE ON BIOLOGICAL PHYSICS

June 28 - July 3 2026 Magazzini del cotone Genoa, Italy

Programme - Committee

BIOLOGICAL FRONTIERS OF SOFT MATTER PHYSICS
Roberto di Leonardo (Rome) – Mahesh Bandi (Okinawa)
INFORMATION PROCESSING AND OPTIMISATION OF STRATEGIES IN LIFE
Antonio Celani (ICTP) – Bill Bialek (Princeton)
DEVELOPMENT AND MORPHOGENESIS
Pasquale Ciarletta MOX, Politecnico di Milano – Otger Campas (Dresden)
MECHANOBIOLOGY
Nils Gauthier (Milano) – Joseph Käs (Leipzig)
ORIGINS OF LIVING MATTER
Amedeo Balbi (Rome) – Claudia Bonfio (Cambridge)
ENERGY HARVESTING AND PROCESSING IN LIFE
Tomas Morosinotto (Padova) – Yihhui Shen (UPenn)
SINGLE MOLECULE BIOPHYSICS
Paolo Bianchini (IIT) – Aleksandra Radenovic (EPFL)
CELLULAR BIOPHYSICS & SUPER-RESOLUTION MICROSCOPY
Valeria Rondelli (Milano) – María García-Parajo (ICFO, Barcelona)
CHROMOSOMES AND NUCLEI: GENE REGULATION, ORGANIZATION AND DYNAMICS
Guido Tiana (Milano) – Davide Marenduzzo (Edinburgh)
BIOLOGICAL NETWORKS AND COMPLEXITY
Irene Giardina (Rome) – Reka Albert (Pennsylvania State University)
ECOLOGY AND EVOLUTION OF COMMUNITIES
Samir Suweis (Padova) – Diana Fusco (Cambridge)
INFECTION AND IMMUNITY
Filippo Castiglione (CNR, Rome) – Aleksandra Walczak (Paris)
PHASE SEPARATION, CROWDING AND CONDENSATES IN BIOLOGY
Francesco Piazza (Firenze) – Antonio José da Costa Filho (Sao Paolo, Brazil)
QUANTITATIVE CELL PHYSIOLOGY
Marco Cosentino Lagomarsino (IFOM) – Jonas Cremer (Stanford)
NEW OPTICAL TECHNIQUES
Cristiano Viappiani (Parma) – Sophie Brasselet (Marseille)
PROTEIN STRUCTURE & FUNCTION
Velia Minicozzi (Rome Tor Vergata) – Anand Srivastava (IIS Bangalore)
THE BRAIN AND NEURAL NETWORKS
Sebino Stramaglia (Bari) – Petra Vertes (Cambridge)
PHYSICAL ASPECTS OF STEM CELLS AND CANCER
Michele Caselle (Torino) – Ben Simons (Cambridge)

Confirmed – Plenary Speakers

Toshio Ando (Kanazawa University)
Jennifer Lippincott-Schwartz (Janelia Research Campus)
Amos Maritan (Padova)
Julia Yeomans (Oxford)

Confirmed - Invited Speakers

Ariel Amir (MIT)
Ruchi Anand (IIT Bombay)
Anne-Florence Bitbol (EPFL)
Arup Chakraborty (MIT)
Nunilo Cremades (University of Zaragoza, Spain)
Markus Basan (Harvard)
Martina Dal Bello (Yale)
Lorenzo Di Michele (Cambridge)
Zvonimir Dogic (UCSB)
Paolo de Los Rios (EPFL)
Nikhta Fakhri (MIT)
Laura Finzi (USA)
Grégory Giannone (CNRS-Université Bordeaux)
Ramin Golestanian (Göttingen)
Thomas Gregor (Princeton)
Edouard Hannezo (IST, Austria)
Terry Hwa (UCSD, USA)
Martijn van den Heuvel (Vrije Universiteit Amsterdam)
Ralf Jungmann (MPI Biochemistry)
Nick Lane (UCL, London)
Sandrine Leveque Fort (U. Paris Saclay)
Daniele Marinazzo (Ghent, Belgium)
Davide Mazza (HSR, Milan)
Benedetta Mennucci (Pisa, Italy)
Thierry Mora (ENS, Paris)
Philippe Nghe (EPSCI, Paris)
Mario Nicodemi (Naples)
Ewa Paluch (Cambridge)
Gautam Reddy (Princeton)
Pere Roca-Cusachs (Barcelona)
Vahid Sandoghdar (Erlangen)
Antonio Scialdone (Helmholtz Zentrum München)
Agnese Seminara (Genoa)
Giorgio Scita (IFOM, Milan)
Iva Tolic (Croatia)
Xavier Trepat (UPC, Barcelona)
Yuhai Tu (Flatiron Inst.)

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Sakuntala Chatterjee | SNBNCBS – SN Bose National Centre
Chia-Llang Cheng | NDHU National Dong Hwa University
Pietro Cicuta | University of Cambridge
Alberto Diaspro | Istituto Italiano di Tecnologia – University of Genoa
Jong-Bong Lee | POSTECH – Pohang University of Science and Technology
Berenike Maier | University of Cologne
Kristian Müller-Nedebock | Stellenbosch University
Qi Ouyang | Peking University
Felix Ritort | University of Barcelona
Joanna Trylska | Centre of New Technologies, University of Warsaw
Roya Zandi | University of California, Riverside

Organising - Committee

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SERGIO MARTINOIA | University of Genoa
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News from EBSA

NGMM2026, the Next Generation Molecular Modeling Summer School

Dear colleagues,
registrations are now open for NGMM2026, the Next Generation Molecular Modeling Summer School, taking place in Pula (Sardinia), 27–31 July 2026. The school targets Master's students, PhD candidates, early-career researchers, and professionals interested in state-of-the-art molecular modeling and simulations.
NGMM2026 will offer lectures and hands-on sessions on HPC-enabled molecular simulations, enhanced sampling, inverse problem-solving, AI and XAI tools, stochastic modeling, and hybrid/multiscale integrative methods, with a focus on materials and biomolecular systems. Participation is free of charge.
Applications and updated information are available on the official website: https://www.crs4.it/ngmm2026/
For inquiries: ngmm2026@crs4.it
The event is organized within the H2UB project, funded under PSC Salute – FSC 2014–2020, Trajectory 4: Biotechnology, Bioinformatics and Pharmaceutical Development, Italian Ministry of Health.
Enrico Pieroni, Maria Valentini (CRS4) and Francesca Mocci (Cagliari University), the organizing Committee,
on behalf of the Scietific Committee.

HERCULES CELEBRATES ITS 35th ANNIVERSARY!

The 35th anniversary of the Higher European Research Course for Users of Large Experimental Systems (HERCULES) will be celebrated during a two-day scientific workshop on 27-28 March, at the end of the 2026 edition of the school.
Please find here all the information on the event and how to attend it:
https://hercules-school.eu/news/hercules-celebrates-its-35th-anniversary
HERCULES is a European doctoral institution founded in Grenoble in 1991. Since then, it has become world-renowned for training the scientific community in using large-scale facilities (LSFs) which deliver neutron and synchrotron radiation, as well as radiation from free-electron lasers. During the five-week-long school programme, participants spend four weeks at the EPN campus in Grenoble, — home to ILL, ESRF, EMBL and IBS —, and one week at one of the HERCULES partners around Europe: ALBA, DESY-EuXFEL, ELETTRA-FERMI, KIT, MAX IV-ESS, PSI, SOLEIL. Each year, more than 250 lecturers and tutors who are world leaders in their field are involved in the school. More than 40% of the training time is devoted to practicals and tutorials. This includes access to five days of hands-on experience with LSF instruments, which makes this training unique worldwide.
Over the past thirty-five years, HERCULES has trained more than 2,500 scientists, thus

building up a unique community of users of LSF in Europe and around the world over the years, playing a crucial role in their development and success.
To celebrate the 35th anniversary of the HERCULES School, the ILL, ESRF and HERCULES School are organising a two-day workshop on Friday 27 and Saturday 28 March 2026. The event will take place in Grenoble and will bring together LSF representatives, LSF networks, the user community and former HERCULES participants. The workshop will feature presentations by past HERCULES participants and LSF network representatives, as well as round-table discussions.
This will be a unique opportunity to review the rapid development of large-scale facilities over the last fifteen years, consider the future development of the field, and reflect on the long-term need to train the next generation of expert users in Europe and internationally.
See you in Grenoble on March 27-28!
Hubert Renevier
Hercules Director on behalf of the organising committee

European South Atlantic Biophysics Conference

Dear fellow biophysicists,
The French, Spanish, and Portuguese Biophysical Societies are pleased to announce that
registration for ESAB 2026 (June 17–19, 2026, Montpellier) has opened : https://esab2026.cbs.cnrs.fr
ESAB stands for European South Atlantic Biophysics conference, but is of course open to all nationalites.
We are delighted to announce that Petra Schwille, Robbie Loewith, and Patrick Aloy have accepted invitations to give plenary lectures, and that 20 experts in various fields of biophysics have already been selected to present their latest discoveries. There will still be plenty of opportunities for oral and poster presentations.
DEAD LINES for early bird registration and oral presentation (including posters to be considered for oral presentation) : April the 30th.
You can take a look at the preliminary program here:
https://esab2026.cbs.cnrs.fr/program/
We will pay special attention to YOUNG RESEARCHERS (postdoctoral fellows and PhD students). The registration fee for them will be €200, and we have secured 40 bursaries of €200, making the CONFERENCE FREE for 40 PhD students or postdocs, after selection by the Young Scientists Committee. Please submit a one-page CV and a one-page motivation letter (combined into a single PDF file) to youthesab2026@gmail.com.
The final selection date for youth funding is March 31, 2026.

11th Regional Biophysics Conference Belgrade

Dear colleagues,

It is our great pleasure to invite you to participate in the 11th Regional Biophysics Conference RBC 2026 which will be held in Belgrade - Serbia, from June 1st to June 4th, 2026.

The conference brings together researchers from the region as well as from other countries and covers a broad spectrum of contemporary biophysical research, spanning molecular mechanisms to complex biological systems.

Conference Details Dates: 1st – 4th June 2026

Location: Serbian Academy of Sciences and Arts, Knez Mihajlova 35, Belgrade

Important dates:

Abstract Submission Deadline February 1st, 2026

Early registration March 15th 2026



Topics

- Molecular and structural biophysics
- Membrane and cell biophysics
- Computational biophysics
- Cellular mechanics and biophysical regulation
- Bioinformatics
- Neurobiophysics
- Innovations in imaging and spectroscopy
- Nanotechnology and targeted therapeutics
- Medical biophysics
- Biomimetic and functional biointerfaces
- Systems biophysics

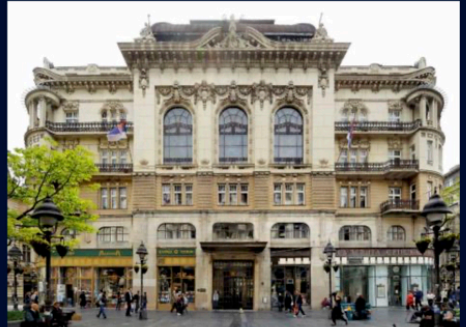
Plenary speakers

- Branimir Bertos (University of Zagreb, Croatia)
- Ida Delac, Institute of Physics, Zagreb, Croatia
- Valeria Vetri (University of Palermo, Italy)
- György Panyi (University of Debrecen, Hungary)
- Matej Krajnc (Jozef Stefan Institute, Ljubljana, Slovenia)
- Tanja Dučić (ALBA synchrotron, Barcelona, Spain)
- Katarina Stroffekova (University of Pavol Jozef Šafárik, Slovakia)

Supported by:
- Ministry of Science, Technological Development and Innovations, Serbia
- Biophysical Society of Serbia (BSS)
- European Biophysical Societies' Association (EBSA)
- International Union for Pure and Applied Biophysics (IUPAB)

Conference Details

- **Location:** Serbian Academy of Sciences and Arts, Knez Mihajlova 35, Belgrade
- **Abstract Submission Deadline:** February 1st, 2026
- **Early registration:** March 15th 2026



Scientific advisory board

- Velia Minicozzi (Italy)

Organizing Committee

- Ksenija Radotić



Tenure track assistant professorship at Eötvös Loránd University

Dear Colleagues, The Institute of Physics and Astronomy at Eötvös Loránd University (Budapest, Hungary) invites applications for tenure-track assistant professor positions with a tentative start date between September 2026 and December 2027. The duration of the contract is five years, with the possibility of granting tenure at the end of that period, depending on the performance of the applicant. All research topics (including biophysics and biological physics) are welcome. See https://physics.elte.hu/ for details on current research fields.

We are looking for candidates with strong track record in research, teaching and grant applications. Candidates shall already have postdoctoral experience. Teaching opportunities and duties will include physics courses at all levels (BSc, MSc, PhD). The guaranteed gross salary is calculated according to Hungarian government regulations and can be substantially increased through various research grants. For outstanding applicants who already have habilitation a quick promotion to associate professor level will be possible.

The submission deadline for applications is January 31, 2026, but the positions will remain open until filled by suitable candidates.

Please send the following documents by the above date in e-mail to physics-jobs@ttk.elte.hu with the subject line "Faculty Position Application":

- detailed professional CV,
- list of publications,
- one-page summary of past work (if not part of the above CV),
- two-page summary of future research plans, - one-page teaching statement,
- contact details of three professionals who can provide letters of references upon request.

Best regards,

Prof. Imre Derényi

Dept. of Biological Physics



GENOA
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June 28 – July 3

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