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Daniel Peluffo elected Latin America and Caribbean representative on the International Science Council

Early in March, the Executive Committee put forward the name of Dr R. Daniel Peluffo (Dept. of Biological Sciences, CENUR North Riverside, Universidad de la República, Uruguay), former IUPAB councillor, to join the International Science Council (ISC) as a member of the Liaison Committee of the Regional Focal Point for Latin America and the Caribbean. Dr Peluffo's new appointment was confirmed in May by the regional ISC office in Colombia.



Daniel was awarded his PhD *summa cum laude* in 1992 from the University of Buenos Aires, Argentina, studying the pre-steady-state ATP phosphorylation kinetics of the Na,K-ATPase, under the mentorship of the late Dr Patricio Garrahan. Subsequently Daniel worked as a postdoc at the Dept. of Physiology, Univ. of Pennsylvania, Philadelphia, where he performed seminal work on the mechanisms of ion transport by the cardiac Na,K-ATPase via electrophysiological techniques, and received several awards and recognition from the American Heart Association.

After receiving an invitation from the Dean of *Universidad de la República* in Uruguay, in 2013 Daniel relocated to Uruguay where he became a Full Professor of Biophysics and Chair of the Dept. of Biological Sciences. His group now studies the effects of L-arginine transport and reactive oxygen/nitrogen species on DNA. In 2014 Daniel was elected to join the IUPAB Council and was re-elected in 2017; finally ending his appointment in October 2021. A month later, Daniel was elected as President of the Latin American Federation of Biophysical Societies (LAFEBs). In this capacity, together with his previous experience at IUPAB, and as a former UNESCO consultant for Sciences in Latin America and the Caribbean, Daniel will be in a unique position to work for the consolidation, growth and empowerment of sciences, as a new member of the ISC Liaison Committee in the Latin American region.

New cooperation between IUPAB and IUPAP

The Commission on Biological Physics was established by the [International Union of Pure and Applied Physics](#) (IUPAP) in 1990 to promote exchange of information and views among members of the international scientific community in the field of Biological Physics. The IUPAP Commission on Biological Physics decided to incorporate a representative of IUPAB as an associate member. Prof. Peter Pohl, Councillor of IUPAB and Full Professor of Biophysics, Johannes Kepler University (JKU) Linz, Austria, has been elected as IUPAB's representative.



Peter is Head of the Institute of Biophysics and of the Institute's Division of Molecular Biophysics and Membrane Biophysics at the JKU. He is an expert in the transport of water and other small molecules across biological membranes.

Annual Meeting of the Indian Biophysical Society (IBS)

The main theme of the 44th IBS meeting was "Conceptual Advances in Biophysics and its application". The event was hosted by the Advanced Centre for Treatment, Research and Education in Cancer, Navi Mumbai, India, from 30th March - 1st April, 2022, with Dr. Kakoli Bose and Dr. Prasanna Venkatraman as joint conveners. The conference was conducted in hybrid mode, with 80 in-person delegates, and 220 online delegates from the entire world. Lectures predominantly focused on protein-protein interactions, conformational dynamics, structural biology, protein misfolding & its role in related diseases, cellular biophysics and advances in biophysical and biochemical techniques. The meeting incorporated a brainstorming panel discussion on the topic "Exploring Integrative Biophysics in Medicine: A less-trodden path?".

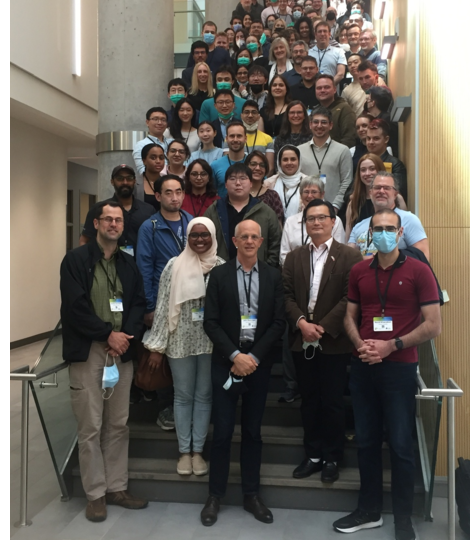


IUPAB sponsored two oral presentation and four poster presentation awards at the conference.

IUPAB Focussed Meeting on Ion Channels

The IUPAB Focussed Meeting titled "The biophysics of ligand-gated ion channels: from structures to drug discovery" was held May 23 – 27, 2022 jointly with the 7th Annual Meeting of the Biophysical Society of Canada (BSC). The IUPAB-specific portion of the meeting ran from May 23 to May 25. Both meetings were held in-person at the University of Ottawa in Ottawa, Canada, but were livestreamed to an international audience.

There were 95 separate registrations for the IUPAB portion of the joint meeting, including 21 online registrations.



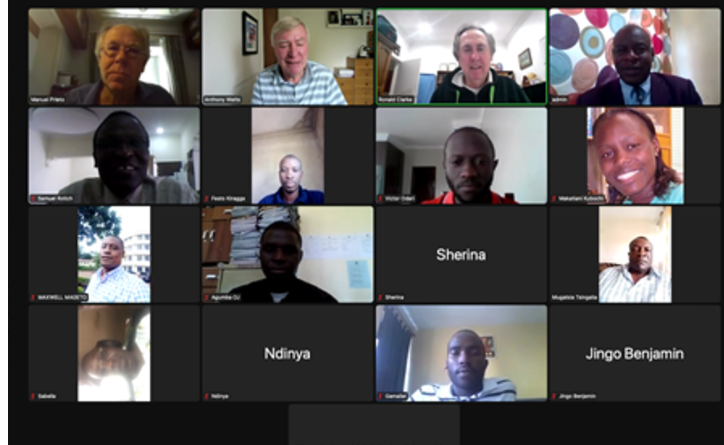
Michèle Auger Award for Young Scientists' Independent Research (2023)

In late 2018, long time Editorial Board Member of *Biophysical Reviews*, Professor Michèle Auger, sadly succumbed to illness. In her honour, the *Biophysical Reviews*' Board, together with the Springer-Nature Corporation, created an award, which is granted each year to a candidate performing biophysical research, who, at the time of application, is under 40. The award consists of a plaque, a free personal subscription to the journal and an invitation to submit a single author review article. Nominations can be made via the candidate's one page CV and their 5 best original manuscripts, and can be submitted by email to any *Biophysical Reviews*' senior editor, prior to October 31st, 2022. The award will be announced in late December.



Engagement with the Kenyan and Ugandan Biophysical Societies

In July, Manuel Prieto, Ron Clarke and Tony Watts met on line with 14 members and delegates of the Kenyan and Ugandan Biophysical Societies, including **Philip Amuyunzu Mang'are** (MMUST, Kakamega, Kenya) and Felix Kiraga (Gulu University, Uganda), Presidents of the Kenyan and Ugandan



Biophysical Societies respectively. Philip is a BPS Ambassador and has initiated 3 networking events in Africa later in 2022 under the auspices of the BPS (details [here](#)), and has proposals for thematic meetings. IUPAB hopes to help further increase networking and assist in biophysics activities in Africa.

Computational Biophysics of Atomic Force Microscopy Workshop

Held jointly online and in person a 'Workshop on Computational Biophysics of Atomic Force Microscopy – A Lecture Course Approach' will take place Sep. 19-21, 2022 at Kanazawa University. The aim is to introduce a wide range of computational and theoretical methods applicable to both simulating and analyzing Atomic Force Microscopy experiments. Further details can be found on the workshop website: <https://nanolsi.kanazawa-u.ac.jp/en/workshop-computational-biophysics/>.

Social Media

IUPAB is now on social media platforms! These include Twitter (@IUPAB1), Instagram (IUPAB1) and Facebook (IUPAB2). Please head over to any of these pages to keep up to date on all IUPAB activities. Additionally, a brand new website is under construction and will be launched within the next 2 months! A IUPAB Wiki page has also been created – details [here](#).

Future IUPAB Congresses

2024 (June 24-28th) Kyoto, Japan, Chair: Hiroyuki Noji, Tokyo

2027 (October 10 – 14th) Berlin, Germany

Links will be posted on the [IUPAB.ORG](#) website when they are available.



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