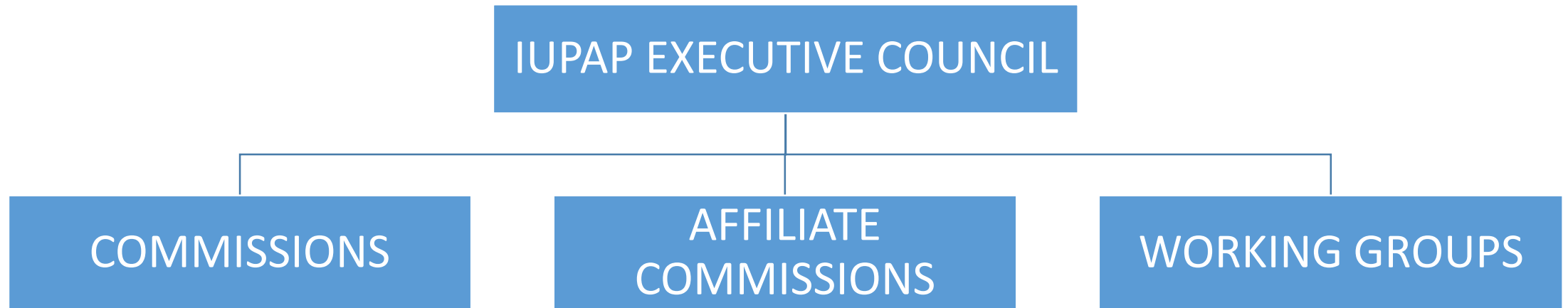


# INTRODUCTION OF EC&CC MEMBERS



# IUPAP EXECUTIVE COUNCIL

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President	Michel Spiro	} Commission for Policy and Finance (C1)
Past President	Bruce McKellar	
President-Designate	Silvina Ponce Dawson	
Associate Secretary General	Rudzani Nemtudi	
Secretary General for Legal and Financial Affairs	Jens Vigen	
Secretary General for Administrative Affairs	Stefano Fantoni	
Deputy Secretary General	Sandro Scandolo	
Former Deputy Secretary General	Kwek Leong Chuan	
Vice-President at Large (Centenary)	Monica Pepe-Altarelli	
Vice-President at Large (Gender Champion)	Gillian Butcher	
Vice-President at Large (New Members)	Nithaya Chetty	
Vice-President at Large (Outreach and Ethics)	Laura Greene	
Vice-President from Commission Chairs	Tetyana Antimirova	
Vice-President from Commission Chairs	Ani Aprahamian	
Vice-President from Commission Chairs	Takaaki Kajita	
Vice-President from Commission Chairs	Kuijuan Jin	
Vice-President from Commission Chairs	Tae Won Noh	

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# PRESIDENT / COMMISSION ON POLICY AND FINANCE (C1)



**MICHEL SPIRO**

# MICHEL SPIRO



- **Affiliation to IUPAP:**

President IUPAP

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

- **Current affiliation (Institution):**

CEA-CNRS

- **Area of Study/Research/Expertise:**

Particle and Astroparticle Physics

- **Last Physics paper written with date of publication:**

2019: “[Neutrino Physics Sociology](#)”, Proceedings of the International Conference on History of the Neutrino: 1930-2018 : Paris, France. September 5-7, 2018.

- **Any other information:**

Chair of the Steering Committee for the International Year of Basic Sciences for Sustainable Development

# BRUCE H. McKELLAR



- **Affiliation to IUPAP:**

Past - President

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

- **Current Job Title:**

Emeritus Professor

- **Current affiliation (Institution):**

University of Melbourne

- **Area of Study/Research/Expertise:**

Theoretical Physics

- **Last Physics paper written with date of publication:**

3 April 2017 : "[Relativistic dipole interaction and the topological nature for induced HMW and AC phases](#)", Xiao-Gang He and Bruce McKellar , Phys.Lett. A381 (2017) 1780-1783.

- **Any other information:**

# SILVINA PONCE DAWSON



- **Affiliation to IUPAP:**

President-Designate

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

University of Buenos Aires and CONICET

- **Area of Study/Research/Expertise:**

Biological Physics

- **Last Physics paper written with date of publication:**

13 November 2021: "[Group testing with nested pools](#)", I. Armendáriz *et al.*, IEEE Transactions on Information Theory, 68(2), pp. 1119 - 1132.

- **Any other information:**

Previous Gender Champion

# STEFANO FANTONI



- **Affiliation to IUPAP:**

Secretary General for Administrative Affairs

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

- **Current Job Title:**

President

- **Current affiliation (Institution):**

International Foundation Trieste for the Progress and Freedom of Sciences

- **Area of Study/Research/Expertise:**

Theoretical Nuclear Physics and Low Temperature Physics

- **Last Physics paper written with date of publication:**

2020: "[Nuclear Matter Theory](#)", O. Benhar and S. Fantoni, CRC Pres, Boca Raton, FL, 2020.

- **Any other information:**

# JENS VIGEN



- **Affiliation to IUPAP:**

Secretary General for Legal and Financial Affairs

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

WG2: Communication in Physics

- **Current Job Title:**

Scientific Information Officer

- **Current affiliation (Institution):**

CERN

- **Area of Study/Research/Expertise:**

Information Science, Libraries and Publishing

- **Last Physics paper written with date of publication:**

Do not publish in physics

- **Any other information:**

Leading the process to establish IUPAP as an association domiciled in Geneva, Switzerland.



# SANDRO SCANDOLO



- **Affiliation to IUPAP:**

Deputy Secretary General

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

- **Current Job Title:**

Head of Research

- **Current affiliation (Institution):**

Abdus Salam International Centre for Theoretical Physics (ICTP)

- **Area of Study/Research/Expertise:**

Condensed Matter Physics, Atomistic Simulation of High-Pressure Phenomena

- **Last Physics paper written with date of publication:**

17 January 2022: "[How to determine solubility in binary mixtures from Neutron Scattering data: the case of methane and water](#)", V.N. Robinson *et al.*, J. Chem. Phys. (in press) (2022).

- **Any other information:**

# RUDZANI NEMUTUDI



- **Affiliation to IUPAP:**

Associate Secretary General

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

- **Current Job Title:**

Deputy Director

- **Current affiliation (Institution):**

iThemba LABS (Laboratory for Accelerator Based Sciences), Cape Town, South Africa

- **Area of Study/Research/Expertise:**

Mesoscopic semiconductor devices fabricated using proximal probe microscopic techniques such as AFM (Atomic Force Microscope) and STM (Scanning Tunneling Microscope), surface science and accelerator-based ion beam analysis<sup>19</sup>.

- **Last Physics paper written with date of publication:**

2012: "[Simonkolleite nano-platelets: Synthesis and temperature effect on hydrogen gas sensing properties](#)", J. Sithole *et. al.*, Applied Surface Science 258 (2012) pp.7839.

- **Any other information:**

Member of the Executive Council of the South African Institute of Physics (SAIP)

# LEONG CHUAN KWEK



- **Affiliation to IUPAP:**

Deputy Secretary General

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

Center for Quantum Technologies, National University of Singapore

- **Area of Study/Research/Expertise:**

Quantum Information Science and Atomtronic, Physics

- **Last Physics paper written with date of publication:**

19 November 2021: "[Noisy intermediate-scale quantum algorithms](#)", K. Bharti *et al.*, accepted for publ. in Rev. Mod. Phys.

- **Any other information:**

Quantum information science

# MONICA PEPE-ALTARELLI



- **Affiliation to IUPAP:**

Vice-President at Large (Centenary)

- **Commission/Category:**

Executive Council / Commission on Policy And Finance (C1)

- **Current Job Title:**

Senior Staff Physicist

- **Current affiliation (Institution):**

CERN

- **Area of Study/Research/Expertise:**

High Energy Particle Physics (LHCb collaboration)

- **Last Physics paper written with date of publication:**

20 April 2020: [Phys. Rev. D 101, 072004](#) – (personal paper) and many [recent LHCb publications](#)

- **Any other information:**

Chair, WG 17 - Centenary celebrations

# GILLIAN BUTCHER



- **Affiliation to IUPAP:**

Vice-President at Large (Gender Champion)

- **Commission/Category:**

Executive Council

- **Current Job Title:**

Research Associate

- **Current affiliation (Institution):**

University of Leicester

- **Area of Study/Research/Expertise:**

Space instrumentation

- **Last Physics paper written with date of publication:**

6 July 2018: "[Microchannel plate x-ray optics on the Mercury imaging x-ray spectrometer](#)", A. Martindale *et al.*, Proc. SPIE 10699, 106990W.

- **Any other information:**

# NITHAYA CHETTY



- **Affiliation to IUPAP:**

Vice-President at Large (New Members)

- **Commission/Category:**

Executive Council

- **Current Job Title:**

Dean of the Faculty of Science

- **Current affiliation (Institution):**

University of Witwatersrand

- **Area of Study/Research/Expertise:**

Computational Solid State Physics

- **Last Physics paper written with date of publication:**

20 August 2019: "[Electronic properties of vacancies in bilayer graphene](#)", R.E. Mapasha *et al.*, Physica B: 573 (2019) pp. 67-71.

- **Any other information:**

To fight poverty and promote equality, developing countries should pursue the highest levels of unfettered, open-ended scientific inquiry. See [Aim for the Sky, But Keep Your Feet on the Ground](#) by Nithaya Chetty



# LAURA H. GREENE



- **Affiliation to IUPAP:**

Vice-President at Large (Outreach and Ethics )

- **Commission/Category:**

Executive Council

- **Current Job Title:**

Chief Scientist and Marie Krafft Professor of Physics

- **Current affiliation (Institution):**

National High Magnetic Field Laboratory and Florida State University

- **Area of Study/Research/Expertise:**

Quantum Materials and Policy

- **Last Physics paper written with date of publication:**

10 June 2021: "[Spectroscopic Evidence for the Direct Involvement of Local Moments in the Pairing Process in the Heavy-Fermion Superconductor CeCoIn<sub>5</sub>](#)", K. Shrestha *et al.*, Phys. Rev. B **103**, 224515.

- **Any other information:**

Recently appointed to the US President's Council of Advisors for Science and Technology (PCAST).

# Vice-Presidents elected from the Commission Chairs

- Takaaki Kajita (C4)
- Tae Won Noh (C10)
- Ani Aprahamian (C12)
  - Kuijuan Jin (C13)
- Tetyana Antimirova (C14)



# MARC HIMBERT (C2)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Symbols, Units, Nomenclature, Atomic Masses & Fundamental Constants (C2)

- **Current Job Title:**

Professor of metrology

- **Current affiliation (Institution):**

Conservatoire National des Arts et Métiers (CNAM)

- **Area of Study/Research/Expertise:**

-

- **Last Physics paper written with date of publication:**

-

- **Any other information:**

-

# LUCILLA DE ARCANGELIS (C3)



- **Affiliation to IUPAP:**

Chair / Vice-Presidents Elected from the Commission Chairs

- **Commission/Category:**

Commission on Statistical Physics (C3)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

University of Campania Luigi Vanvitelli

- **Area of Study/Research/Expertise:**

Percolation Theory, Self-Organized Criticality, Power Laws in Fracture

- **Last Physics paper written with date of publication:**

-

- **Any other information:**

# TAKAAKI KAJITA (C4)



- **Affiliation to IUPAP:**

Chair / Vice-Presidents Elected from the Commission Chairs

- **Commission/Category:**

Commission on Astroparticle Physics (C4)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

Institute for Cosmic Ray Research, The University of Tokyo

- **Area of Study/Research/Expertise:**

Cosmic Rays, Neutrinos and Gravitational Waves

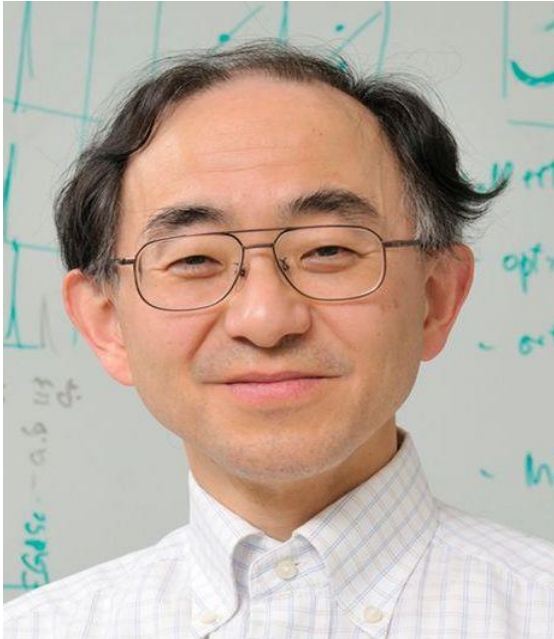
- **Last Physics paper written with date of publication:**

17 August 2020: "[Overview of KAGRA : Detector design and construction history](#)", T. Akutsu *et al.*, (KAGRA collaboration), Prog. Theo. Exp. Phys. 2021 (5), 05A101.

- **Any other information:**

President of the Science Council of Japan (until Sep. 2023)

# NAOTO NAGAOSA (C5)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Low Temperature Physics (C5)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

RIKEN Center for Emergent Matter Science (CEMS)

- **Area of Study/Research/Expertise:**

Condensed Matter Theory. Strong Electron Correlation, Magnetism, and Superconductivity in Solids. Topological Aspects of Electronic Systems.

- **Last Physics paper written with date of publication:**

-

- **Any other information:**

# MASAKI SASAI (C6)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Biological Physics (C6)

- **Current Job Title:**

Professor of Applied Physics

- **Current affiliation (Institution):**

Nagoya University, Nagoya, Japan

- **Area of Study/Research/Expertise:**

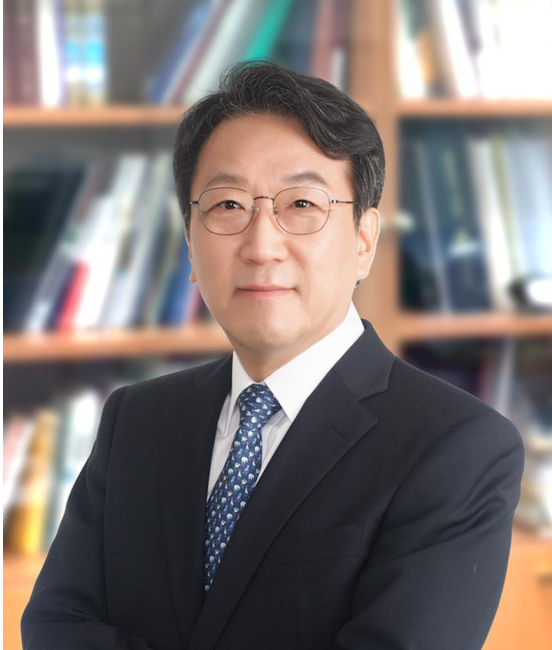
Theoretical Biological Physics

- **Last Physics paper written with date of publication:**

7 May 2021: "[Generation of dynamic three-dimensional genome structure through phase separation of chromatin](#)", S. Fujishiro and M. Sasai, bioRxiv.

- **Any other information:**

# YOUNG DONG KIM (C8)



- **Affiliation to IUPAP:**

Chair / Liaison Chair of Korean Physical Society

- **Commission/Category:**

Commission on Semiconductors (C8)

- **Current Job Title:**

Professor of physics

- **Current affiliation (Institution):**

Kyung Hee University, Seoul, South Korea

- **Area of Study/Research/Expertise:**

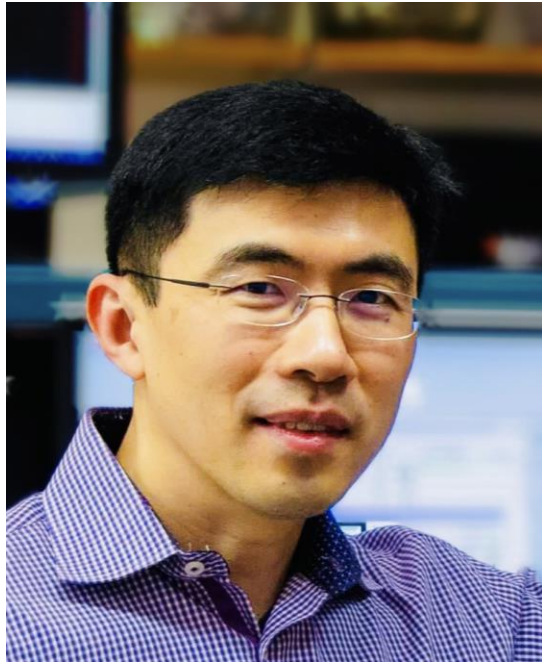
Semiconductors/Optical Properties/Ellipsometry

- **Last Physics paper written with date of publication:**

10 June 2021, "[Maximum-entropy revisited: Optimal filetring of spectra](#)", Journal of Applied Physics 129, 224902

- **Any other information:**

# KAI LIU (C9)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Magnetism (C9)

- **Current Job Title:**

Professor and McDevitt Chair in Physics

- **Current affiliation (Institution):**

Georgetown University, Washington, DC

- **Area of Study/Research/Expertise:**

Experimental Condensed Matter Physics, Nanomagnetism and Spintronics

- **Last Physics paper written with date of publication:**

23 June 2021: "[Reversible writing/deleting of magnetic skyrmions through hydrogen adsorption/desorption](#)", G. Chen *et al.*, Nature Communications, in press.

- **Any other information:**



# TAE WON NOH (C10)



- **Affiliation to IUPAP:**

Chair / Vice-Presidents Elected from the Commission Chairs

- **Commission/Category:**

Commission on Structure and Dynamics of Condensed Matter (C10)

- **Current Job Title:**

Professor of Physics, Director

- **Current affiliation (Institution):**

Seoul National University, IBS Center for Correlated Electron Systems

- **Area of Study/Research/Expertise:**

Condensed Matter Physics, Correlated Electron Systems

- **Last Physics paper written with date of publication:**

3 January 2022: "[Nematic response revealed by coherent phonon oscillations in BaFe<sub>2</sub>As<sub>2</sub>](#)", M-C Lee *et al.*, Phys. Rev. B **105**, 024501.

- **Any other information:**

President of the Korean Physical Society.



# FLORENCIA CANELLI (C11)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Particles and Fields (C11)

- **Current Job Title:**

Professor of Physics

- **Current affiliation (Institution):**

University of Zurich

- **Area of Study/Research/Expertise:**

Experimental Particle Physics

- **Last Physics paper written with date of publication:**

18 January 2022: "[Measurement of the inclusive and differential  \$t\bar{t}\gamma\$  cross sections in the dilepton channel and effective field theory interpretation in proton-proton collisions at  \$s\sqrt{s} = 13\$  TeV](#)", CMS Collaboration, arXiv 2201.07301 [hep-ex].

- **Any other information:**

Current physics coordinator of the CMS experiment, CERN.

# ANI APRAHAMIAN (C12)



- **Affiliation to IUPAP:**

Chair / Vice-Presidents Elected from the Commission Chairs

- **Commission/Category:**

Commission on Nuclear Physics (C12)

- **Current Job Title:**

Professor / Director

- **Current affiliation (Institution):**

University of Notre Dame / A. Alikhanyan National Science Laboratory of Armenia

- **Area of Study/Research/Expertise:**

Nuclear Physics

- **Last Physics paper written with date of publication:**

14 September 2021: [“Open Challenges to Nuclear Physics Resulting from the Neutron Star Merger”](#), Nuclear Physics News, 31(3), 2021, pp. 11–16.

- **Any other information:**

Nine publications in 2021—the reference above being most relevant for the IUPAP meeting.

# KUIJUAN JIN (C13)



- **Affiliation to IUPAP:**

Chair / Vice-Presidents Elected from the Commission Chairs

- **Commission/Category:**

Commission on Physics for Development (C13)

- **Current Job Title:**

Professor, Group Leader

- **Current affiliation (Institution):**

Institute of Physics, Chinese Academy of Sciences

**Area of Study/Research/Expertise:**

Exploring novel properties of low dimensional perovskite oxides, especially with optical method.

- **Last Physics paper written with date of publication:**

[List of 2021 publications](#)

- **Any other information:**

Elected Fellow of the British Institute of Physics since 2011, and a Fellow of the American Physical Society since 2012.

# TETYANA ANTIMIROVA (C14)



- **Affiliation to IUPAP:**

Chair / Vice-Presidents Elected from the Commission Chairs

- **Commission/Category:**

Commission on Physics Education (C14)

- **Current Job Title:**

Associate Professor

- **Current affiliation (Institution):**

Department of Physics, Ryerson University, Toronto, Ontario, Canada

- **Area of Study/Research/Expertise:**

Physics Education Research (PER), Science Education and Outreach, Research-Informed Curriculum Development

- **Last Physics paper written with date of publication:**

July 2021: “[Remote Teaching and Learning: Undergraduate Physics Laboratories During a Pandemic and Beyond](#)” in EDULEARN21 Proceedings 13th International Conference on Education and New Learning Technologies, 5-6 July 2021, pp. 351-358.

- **Any other information:**

The Ryerson University is in process of renaming. For more information please see: [Renaming in process](#)

# JIMENA GORFINKIEL (C15)



- **Affiliation to IUPAP:**

Vice Chair

- **Commission/Category:**

Commission on Atomic, Molecular, and Optical Physics (C15)

- **Current Job Title:**

Senior Lecturer

- **Current affiliation (Institution):**

The Open University

- **Area of Study/Research/Expertise:**

Molecular Physics

- **Last Physics paper written with date of publication:**

22 November 2021: "[Evaluation of Recommended Cross Sections for the Simulation of Electron Tracks in Water](#)", A. García-Abenza *et al.*, *Atoms* 2021, 9(4), 98.

- **Any other information:**

# ROSARIO GONZÁLEZ-FÉREZ (C15)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Atomic, Molecular, and Optical Physics (C15)

- **Current Job Title:**

Professor of Atomic Molecular and Nuclear Physics

- **Current affiliation (Institution):**

Universidad de Granada, Granada, Spain

- **Area of Study/Research/Expertise:**

Atomic and Molecular Physics

- **Last Physics paper written with date of publication:**

27 January 2021: "[Ultralong-Range Rydberg Bimolecules](#)", R. González-Férez *et al.*, Phys. Rev. Lett. 126, 043401.

- **Any other information:**



# SYLVIE JACQUEMOT (C16)



- **Affiliation to IUPAP:**

Chair / WG14 associate member

- **Commission/Category:**

Commission on Plasma Physics (C16)

- **Current Job Title:**

Coordinator of the Laserlab-Europe European project; task officer in charge of European affairs at Ecole Polytechnique

- **Current affiliation (Institution):**

LULI, Ecole Polytechnique, France

- **Area of Study/Research/Expertise:**

Laser-Produced Plasmas and Secondary Sources; Laser Fusion

- **Last Physics paper written with date of publication:**

7 November 2017: "[Toward compact and ultra-intense laser-based soft x-ray lasers](#)", S. Sebban *et al.*, Plasma Phys. Control. Fusion 60 (2018) 014030.

- **Any other information:**

# ROBERTO PINI (C17)



- **Affiliation to IUPAP:**

Chair (2017-2021: secretary of C17, 2014-2017: member of C17)

- **Commission/Category:**

Commission on Laser Physics and Photonics (C17)

- **Current Job Title:**

Physicist, CNR Research Director

- **Current affiliation (Institution):**

Institut Nello Carrara Institute of Applied Physics, Italian National Research Council (CNR)

- **Area of Study/Research/Expertise:**

Laser applications, Biophotonics, Nanophotonics

- **Last Physics paper written with date of publication:**

4 June 2021: "[Cost effective silver nanowire-decorated graphene paper for drop-on SERS biodetection](#)", Amicucci, C., D'andrea, C., de Angelis, M., Banchelli, M., Pini, R., Matteini, P. *Nanomaterials*, 2021, 11(6), 1495).

- **Any other information:**



# ALAIN JOYE (C18)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Mathematical Physics (C18)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

Institut Fourier, Université Grenoble Alpes, France

- **Area of Study/Research/Expertise:**

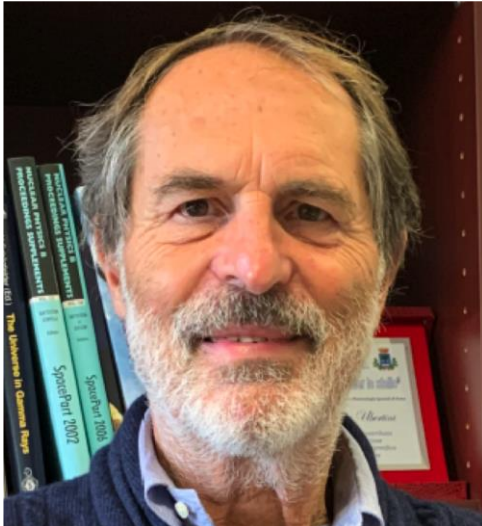
Mathematical Physics

- **Last Physics paper written with date of publication:**

15 July 2021: “[Fermionic Walkers Driven Out of Equilibrium](#)”, S. Andréys *et al.*,  
J. Stat. Phys. 184 (2021) 14.

- **Any other information:**

# PIETRO UBERTINI (C19)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Astrophysics (C19)

- **Current Job Title:**

Research Director (retired) , Professor Astrophysics, Associate to National Institute of Astrophysics (INAF) and Italian Space Agency (ASI)

- **Current affiliation (Institution):**

Institute of Space Astrophysics and Planetology (IAPS), Rome, Italy

- **Area of Study/Research/Expertise:**

High Energy Space Astrophysics, Space Weather

- **Last Physics paper written with date of publication:**

9. December 2021: "[Daily variability at milli-arcsecond scales in the radio-quiet NLSy1 Mrk 110](#)", F. Panessa *et al.*, Month. Not. Royal Astron. Soc., 510 (2022) pp. 718–724.

- **Any other information:**

# MEI-YIN CHOU (C20)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Commission on Computational Physics (C20)

- **Current Job Title:**

Distinguished Research Fellow and Vice President

- **Current affiliation (Institution):**

Academia Sinica, Taiwan

- **Area of Study/Research/Expertise:**

Computational Physics

- **Last Physics paper written with date of publication:**

7 October 2021: "[Structure Relaxation and Liquidlike Enhanced Cu Diffusion at the Surface of  \$\beta\$ -Cu<sub>2</sub>S Chalcocite](#)", J. Wang *et al.*, Nano Lett. 21 (2021) pp. 8895–8900.

- **Any other information:**

Taiwan Physical Society

# JOHN HOWELL (AC1)



- **Affiliation to IUPAP:**

Chair [President of the International Commission for Optics]

- **Commission/Category:**

International Commission for Optics (AC1)

- **Current Job Title:**

Professor of Physics

- **Current affiliation (Institution):**

Hebrew University

- **Area of Study/Research/Expertise:**

Quantum/Classical Optics

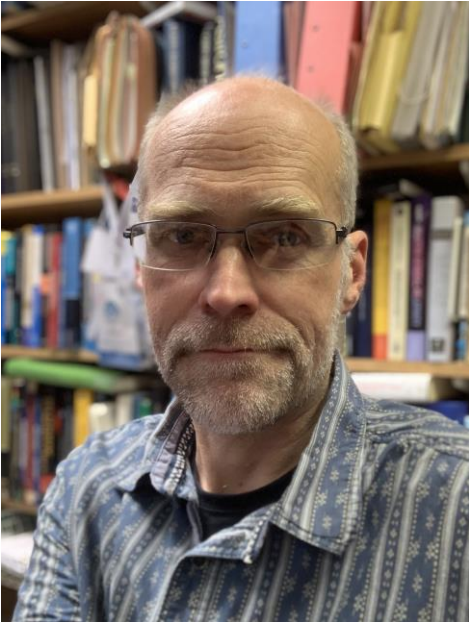
- **Last Physics paper written with date of publication:**

24 September 2021: "[Generalized nighttime radiative deficits](#)", J.C. Howell *et al.*, Journal of Hydrology, 603B (2021) 126971.

- **Any other information:**

This is not a typical paper for me though ...

# NILS ANDERSSON (AC2)



- **Affiliation to IUPAP:**

Chair / President of the Society on General Relativity and Gravitation

- **Commission/Category:**

International Society on General Relativity and Gravitation, ISGRG (AC2)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

University of Southampton

- **Area of Study/Research/Expertise:**

Gravitational Physics

- **Last Physics paper written with date of publication:**

25 November 2021: "[The physics of non-ideal general relativistic magnetohydrodynamics](#)", N. Andersson *et al.*, Month. Not. Royal Astron. Soc., 509 (2022) pp. 3737–3750.

- **Any other information:**

# MARK HAMILTON (AC3)



- **Affiliation to IUPAP:**  
President
- **Commission/Category:**  
International Commission for Acoustics, ICA (AC3)
- **Current Job Title:**  
Professor
- **Current affiliation (Institution):**  
University of Texas at Austin
- **Area of Study/Research/Expertise:**  
Physical Acoustics
- **Last Physics paper written with date of publication:**  
-
- **Any other information:**  
Past President of the Acoustical Society of America



# JOHN DAMILAKIS (AC4)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

International Organisation on Medical Physics, IOMP (AC4)

- **Current Job Title:**

Professor of Medical Physics

- **Current affiliation (Institution):**

University of Crete, Greece

- **Area of Study/Research/Expertise:**

Medical Radiation Physics

- **Last Physics paper written with date of publication:**

23. December 2021: "[European consensus on patient contact shielding](#)", P. Hiles *et al.*, European Journal of Medical Physics, article in press.

- **Any other information:**

# RUHI CHITRE (AC5)



- **Affiliation to IUPAP:**

Chair [President at the International Association of Physics Students]

- **Commission/Category:**

Affiliated Commission of Physics Students (AC5)

- **Current Job Title:**

-

- **Current affiliation (Institution):**

University of Warwick

- **Area of Study/Research/Expertise:**

-

- **Last Physics paper written with date of publication:**

-

- **Any other information:**



# JAUME NAVARRO (AC6)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Affiliated Commission on the History and Philosophy of Physics (AC6)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

University of the Basque Country

- **Area of Study/Research/Expertise:**

History of Science, History of Physics

- **Last Physics paper written with date of publication:**

3 November 2020: "[Whittaker, Einstein, and the History of the Aether: Alternative interpretation, blunder, or bigotry?](#)", History of Science, 59 (2021) pp. 287-314.

- **Any other information:**

# OBSERVERS—LISTED AS REGISTERED

Jun'ichi Yokoyama	AAPPS
Christophe Rossel	WG16 Chair
Cyrus Pan Walther	AC5 Vice–Chair
Arun Grover	C14 member
Timo Eckstein	AC5 member
Michael Taroudakis	AC3 former Chair
Andrew Horsfield	C20 Vice-Chair
Andreas Burkert	C19 Vice-Chair
Lilia Meza-Montes	WG5

# JUN'ICHI YOKOYAMA (AAPPS)



- **Affiliation to IUPAP:**

Observer from Association of Asia Pacific Physical Societies / Vice-Chair C19

- **Commission/Category:**

AAPPS Representative

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

Research Center for the Early Universe(RESCEU), The University of Tokyo

- **Area of Study/Research/Expertise:**

Cosmology and Gravitational Waves

- **Last Physics paper written with date of publication:**

5 April 2021: "[Why primordial non-Gaussianity must be very small?](#)", J. Kristiano and Jun'ichi Yokoyama , arXiv:2104.01953 [hep-th].

- **Any other information:**

President of Association of Asia Pacific Physical Societies (AAPPS), Chair of KAGRA Science Congress

# CHRISTOPHE ROSSEL (WG16)



- **Affiliation to IUPAP:**

Observer; WG16 Chair

- **Commission/Category:**

WG16: Physics and Industry

- **Current Job Title:**

Emeritus Research Staff Member

- **Current affiliation (Institution):**

IBM Research-Zurich, Switzerland

- **Area of Study/Research/Expertise:**

-

- **Last Physics paper written with date of publication:**

-

- **Any other information:**

# CYRUS PAN WALTHER (AC5)



- **Affiliation to IUPAP:**

Vice-Chair

- **Commission/Category:**

Affiliated Commission of Physics Students (AC5)

- **Current Job Title:**

-

- **Current affiliation (Institution):**

-

- **Area of Study/Research/Expertise:**

-

- **Last Physics paper written with date of publication:**

-

- **Any other information:**

# ARUN GROVER (C14)



- **Affiliation to IUPAP:**  
Commission member
- **Commission/Category:**  
Commission on Physics Education (C14)
- **Current Job Title:**
- **Current affiliation (Institution):**
- **Area of Study/Research/Expertise:**
- **Last Physics paper written with date of publication:**
- **Any other information:**

# TIMO ECKSTEIN (AC5)



- **Affiliation to IUPAP:**

Commission member [former IAPS Vice President]

- **Commission/Category:**

Affiliated Commission of Physics Students (AC5)

- **Current Job Title:**

PhD student

- **Current affiliation (Institution):**

FAU Erlangen, Germany

- **Area of Study/Research/Expertise:**

Quantum computing

- **Last Physics paper written with date of publication:**

22. December 2021: "[Classical Variational Optimization of Gate Sequences for Time Evolution of Translational Invariant Quantum Systems](#)", Mansuroglu, Eckstein *et. Al.*, arXiv:2106.03680.

- **Any other information:**

Initiated contact between IUPAP and IAPS in 2017, first student at an EC&CC Meeting in Singapore in 2018, Member of OCs of IUPAP-supported International Conference of Physics Students 2019 and IUPAP centenary event PLANCKS 2022.



# MICHAEL TAROUDAKIS (AC3)



- **Affiliation to IUPAP:**

Former Chair

- **Commission/Category:**

International Commission for Acoustics, ICA (AC3)

- **Current Job Title:**

Professor

- **Current affiliation (Institution):**

University of Crete, Greece

- **Area of Study/Research/Expertise:**

Underwater Acoustics

- **Last Physics paper written with date of publication:**

- **Any other information:**

Professor of Applied Mathematics at the Department of Mathematics and Applied Mathematics of the University of Crete. Past President of ICA (2019-2022), President of ICA (2016-2019), President of the European Acoustics Association (EAA) 2013-2016, Rector of the University of Crete (UoC) (2015-2016), Dean of the School of Sciences and Engineering UoC(2013-2016), Chairman of the Department of Mathematics, UoC (2007-2011), Co-Coordinator of the International Year of Sound 2020-2021.

# ANDREW HORSFIELD (C20)



- **Affiliation to IUPAP:**  
Vice-Chair
- **Commission/Category:**  
Commission on Computational Physics (C20)
- **Current Job Title:**  
Professor of Theory and Simulation of Materials
- **Current affiliation (Institution):**  
Imperial College, London
- **Area of Study/Research/Expertise:**
- **Last Physics paper written with date of publication:**
- **Any other information:**

# ANDREAS BURKERT (C19)



- **Affiliation to IUPAP:**

Vice-Chair

- **Commission/Category:**

Commission on Computational Physics (C20)

- **Current Job Title:**

Professor, Chair of theoretical and computational astrophysics

- **Current affiliation (Institution):**

Ludwig-Maximilians University Munich, Germany

- **Area of Study/Research/Expertise:**

Theoretical astrophysics with focus on Dark matter, Galaxy formation and evolution, star formation and origin of life

- **Last Physics paper written with date of publication:**

12 January 2022: "[Star formation near the Sun is driven by expansion of the Local Bubble](#)", C. Zucker *et al.*, Nature 601 (2022) pp. 334-337.

- **Any other information:**

# LILIA MEZA-MONTES (WG5)



- **Affiliation to IUPAP:**

Chair

- **Commission/Category:**

Working Group Women in Physics (WG5)

- **Current Job Title:**

Senior lecturer

- **Current affiliation (Institution):**

Benemérita Universidad Autónoma, Department of Physics

- **Area of Study/Research/Expertise:**

Solid State Physics

- **Last Physics paper written with date of publication:**

- **Any other information:**

# IUPAP SECRETARIAT



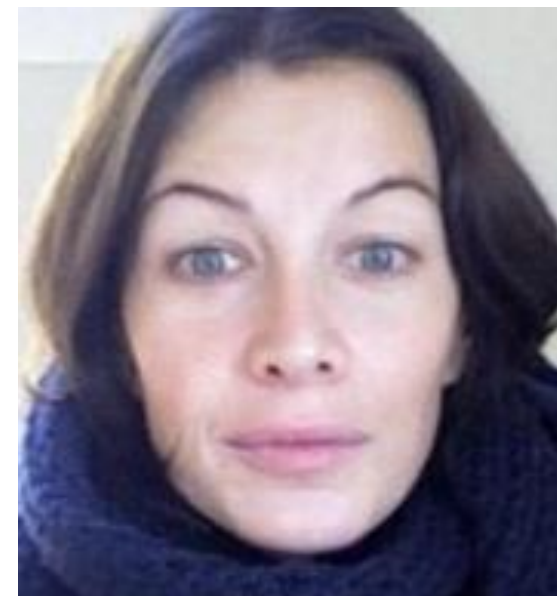
**CECILIA CRESSI**

FIT



**PAOLA RODARI**

FIT / SISSA MediaLab



**FEDERICA SGORBISSA**

SISSA MediaLab for  
IUPAP Centenary Communication