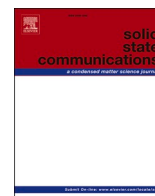


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# Solid State Communications

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## Editorial

### Aron Pinczuk hands on the torch to new Editor-in-Chief of *Solid State Communications*: François Peeters



#### Professor Aron Pinczuk

##### Editor-in-Chief of *Solid State Communications* (2005–2019)

Aron Pinczuk joined the Editorial board of handling editors in July 1989 and took over from Manuel Cardona as Editor-in-Chief in 2005. During his term as Editor-in-Chief, Aron has demonstrated outstanding commitment and leadership, which helped to maintain an important position for the journal in the condensed matter physics community. Thanks to his dedication the journal is playing a vital role in disseminating leading research in diverse areas of *Solid State* science.

Aron received a licenciado degree in Physics from the University of Buenos Aires, Argentina in 1962 and obtained a PhD (1969) at the University of Pennsylvania. He has held positions at the Max-Planck Institut für Festkörperforschung (Stuttgart, Germany), IBM Research (Yorktown Heights) and Bell Laboratories. From 1998 up to date he is professor of Applied Physics and Physics at Columbia University. In recognition of his achievements in science he was elected fellow of the American Physical Society and of the American Association for the Advancement of Science. In 1994 he was awarded the prestigious Oliver Buckley Prize for Condensed Matter Physics.

Aron Pinczuk has devoted himself to a broad range of subjects where he employs advanced optics methods at very low temperatures to explore frontier topics in condensed-matter science. He focuses on the fundamental understanding of the properties of novel materials and the physics of exotic phases of matter. Among others, he realized the innovative measurement of elementary excitations of electron quantum liquids in two-dimensional systems.

We would like to take this opportunity to thank Aron Pinczuk for his commitment to uphold the high standards of the journal, for his relentlessly commitment to the editorial work and the constructive collaboration with the Editorial Board and the staff at Elsevier.



Aron Pinczuk, Editor-in-Chief of *Solid State Communications* (2005–2019)

#### Professor François Peeters Editor-in-Chief of *Solid State Communications*

We are very pleased to announce that Dr. François Peeters is the new Editor-in-Chief of *Solid State Communications* starting on January 1st, 2020. Dr. Peeters is a full professor in the Department of Physics at the University of Antwerp and the Head

of the Condensed Matter Theory Group. Prof. Peeters brings to *Solid State*

*Communications* his extensive experience as editor of science journals. He has been a member of the Executive Editorial Board of *Solid State Communications* until December 31st, 2019. He is Associate Editor of *Journal of Applied Physics* and co-editor of *Europhysics Letters*.

Professor Peeters has been a postdoc at Bell Laboratories in Murray Hill, NJ, USA and a consultant at Bell Communications Red Bank, NJ, USA. He was Guest Professor at Chinese Academy of Sciences in Hefei, P. R. China, and distinguished visiting scientist at National Research Council of Canada in Ottawa, Canada. Currently, he is distinguished Professor at Yunnan University.

Professor Peeters is a highly innovative and productive research scientist with major discoveries and seminal contributions in areas of meso- and nano-physics of semiconductors, two dimensional materials and superconductors. These realms of research are at frontiers of contemporary condensed matter sciences. A significant achievement is the creation of new insights on the problem of flux penetration and exit in mesoscopic superconductors. Recently, Prof. Peeters extended his work on superconductivity to nano-scale superconductors and non-linear transport. Professor Peeters made forward-looking contributions to the studies of 2D materials. Key topics here are: classical and quantum physics of nanostructures; exploration of electronic transport and tunneling in nanosystems; electron-phonon interaction; graphene (and beyond) nanostructures; and nano-scale mass transport.

Professor Peeters is a prolific author of more than 1300 scientific articles published in e.g. *Nature*, *Nature Nanotechnology*, *Nature Physics*, *Physical Review Letters* and *Solid State Communications*. His publications, that received more than 35,000 citations, are regarded as original and innovative research with major achievements in condensed matter physics and nanoscience. Several major awards recognize the standing of Prof. Peeters as a leading scientist. He is Fellow of the European Physical Society and of the American Physical Society. He is also a member of the Royal Flemish Academy of Belgium and of the Academia Europea.



François Peeters, Editor-in-Chief of *Solid State Communications*

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