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THE ROYAL SWEDISH ACADEMY OF SCIENCES

# KVA-JSPS Seminar: New Windows to the Universe

**Date:** 26 November 2018

**Venue:** The Beijer Hall, The Royal Swedish Academy of Sciences,  
Lilla Frescativägen 4A, Stockholm

**Organisers:**

The Royal Swedish Academy of Sciences  
The Japan Society for the Promotion of Science Stockholm Office  
The Embassy of Japan in Sweden

The symposium will report on new findings in neutrino research  
and research on the newly detected gravitational waves.



**Programme:**

- 13.10 Welcome address**  
Professor Christina Moberg, The Royal Swedish Academy of Sciences  
Ambassador Jun Yamazaki, The Embassy of Japan in Sweden  
The Japan Society for the Promotion of Science
- 13.25 New Windows to the Universe - a view onto the dark side of the Cosmos**  
Professor Hitoshi Murayama, University of California, Berkeley, and  
The University of Tokyo
- 14.20 Hunt for dark matter - direct and indirect experiments**  
Professor Jan Conrad, Stockholm University
- 14.35 Hunt for dark matter at the LHC**  
Dr Caterina Doglioni, Lund University
- 14.50 Coffee break**
- 15.20 Neutrino and gravitational wave research in Kamioka**  
Professor Takaaki Kajita, The University of Tokyo
- 16.15 Prospects for LISA, the next generation gravitational-wave space observatory**  
Dr Ross Church, Lund University
- 16.30 Neutrino astronomy with IceCube**  
Dr Erin O'Sullivan, Stockholm University
- 16.45 Panel conversation**
- 17.30 Closing**

*The symposium is free of charge and open to the public but registration is required for all participants. For registration please visit: [www.kva.se/newwindowstotheuniverse](http://www.kva.se/newwindowstotheuniverse)*

*The symposium is sponsored by the Royal Swedish Academy of Sciences through the Nobel Institute for Physics, Stiftelsen Till Bröderna Jacob och Marcus Wallenbergs minne, and the Japan Society for the Promotion of Science*

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