



**Math-for-industry**

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the 100<sup>th</sup> birthday of Casimir and  
the 150<sup>th</sup> birthday of the Riemann Hypothesis



Bernhard Riemann  
(1826-1866)



Hendrik Casimir  
(1909-2000)

Forum “Math-for-Industry”

# Casimir Force, Casimir Operators and the Riemann Hypothesis

– Mathematics for Innovation in Industry and Science –

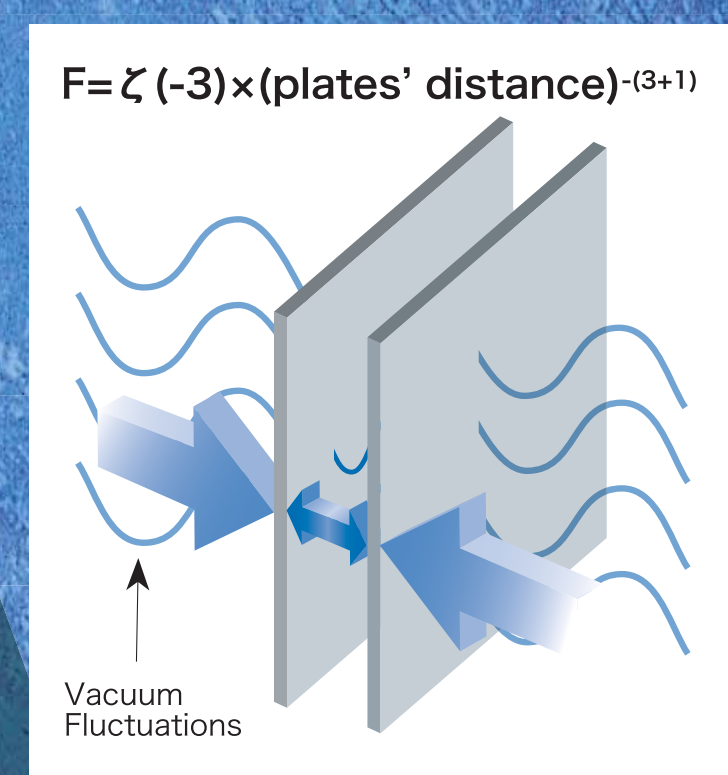
Nishijin Plaza, Kyushu University, Fukuoka, Japan  
9 – 13 November, 2009

## Organizing committee

- Masato Wakayama (Kyushu University, Japan), chairman
- Gerrit van Dijk (Leiden University, The Netherlands)
- Roger Howe (Yale University, USA)
- Evgeny Verbitskiy (Philips Research Laboratories, The Netherlands)
- Masanobu Kaneko (Kyushu University, Japan)
- Setsuo Taniguchi (Kyushu University, Japan)

## Plenary speakers

- Jean-Pierre Bourguignon (CNRS-IHÉS) “Mathematics and Industry: Towards a Challenging New Cooperation”
- Federico Capasso (Harvard University) “Casimir-Lifshitz forces: vacuum fluctuations, quantum levitation and the future of nanomachines”
- Samuel Patterson (University of Göttingen) “The Riemann Hypothesis - pro and contra”
- Martin Schuurmans (EIT) “Casimir Lessons, Innovation and Technology”



## Contact

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