

# Progress in Non-Equilibrium Green's functions 8

Aug 7-11 (2023) Örebro, Sweden

The Progress in Non-equilibrium Green's functions (PNGF) conference series is generally acknowledged as the topical conferences on Non-equilibrium Green's functions (NGF).

The aim of PNGF8 is to bring together world-leading researchers directly involved in development and application of NGF methods, as well as young researchers, who address recent developments, current challenges and future perspectives.

The key open challenges in the field that PNGF8 will put focus on, is how to:

- reduce the memory and computational scaling of the NGF method,
- go from model systems to ab-initio descriptions of real materials,
- interface NGFs with other nonequilibrium methods, and
- develop improved NGF applications for time-dependent experimental techniques.

## Invited speakers

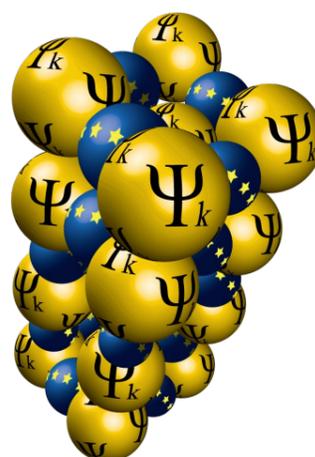
Neepa Maitra (Rutgers, USA)  
Robert van Leeuwen (Jyväskylä, Finland)  
Gianluca Stefanucci (Rome, Italy)  
Xavier Waintal (Grenoble, France)  
Liliana Arrachea (San Martín, Argentina)  
Philipp Werner (Fribourg, Switzerland)  
Martin Eckstein (Hamburg, Germany)  
Pavel Danielewicz (Michigan, USA)  
Evgeny Stepanov (Paris, France)  
Denis Golež (Ljubljana, Slovenia)  
Yuta Murakami (Tokyo, Japan)  
John J. Rehr (Washington, USA)  
Myrta Grüning (Belfast, UK)  
Anna Hehn (Kiel, Germany)  
Iva Brezinova (Vienna, Austria)  
Yaroslav Pavlyukh (Wrocław, Poland)  
Frank Jahnke (Bremen, Germany)  
Riku Tuovinen (Turku, Finland)  
Jan-Philip Joost (Kiel, Germany)

Register on <https://oru.se/pngf8>

Abstract submission deadline, April 30



LUND  
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**Organizing Committee:** Hugo U.R. Strand, Claudio Verdozzi, Michael Bonitz.

**Advisory Board:** Michael Bonitz, Pawel Danielewicz, Antti-Pekka Jauho, Frank Jahnke and Robert van Leeuwen.

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