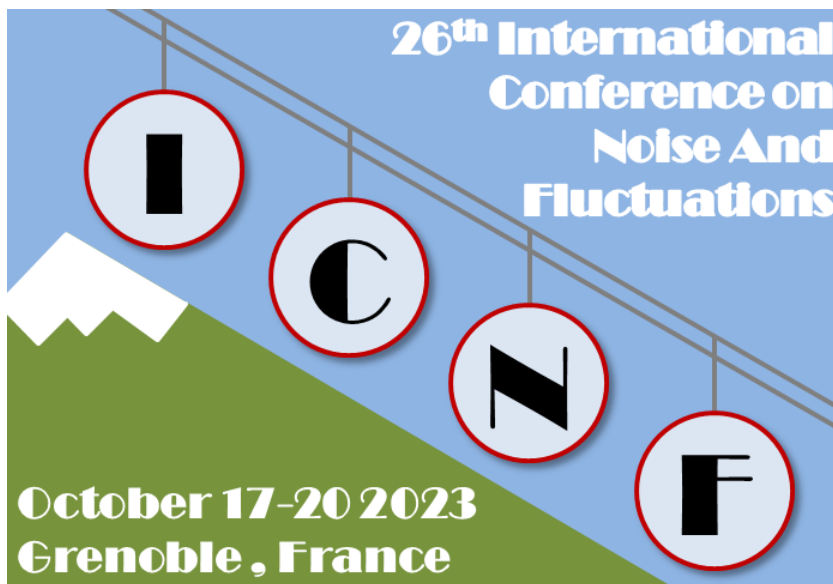


CALL FOR LATE NEWS PAPERS



Organized by :



ICNF is a biennial event that brings together researchers interested in theoretical and experimental aspects of noise and fluctuations across a wide spectrum of scientific and technological fields. **ICNF'23** will take place in **Grenoble** (MINATEC center), France, from October 17th to 20th 2023, organized by IMEP-LAHC / CNRS. Authors are invited to submit their final up-to-4-pages LATE NEWS PAPERS until September 8th through the conference website. The authors of accepted abstracts will have to submit corrected version that will also be published in *IEEEExplore*.

TOPICS

- *Theory of noise, fluctuations and stochastic processes*
- *Noise and fluctuations in materials, mesoscopic and nanostructured devices*
- *Noise and fluctuations in electronic, photonic and optoelectronic devices*
- *Noise in circuits and systems*
- *Noise in communications*
- *Multiscale dynamics*
- *Noise and fluctuations in biophysical, social and financial systems*
- *Noise modelling and simulation*
- *Noise measurement / instrumentation techniques*
- *Noise as diagnostic tool / noise and device reliability*
- *Acoustic noise*
- *Other aspects of noise and fluctuation phenomena*
- **New topic:** *Variability (spatial fluctuations, mismatch, process variations etc.)*

IMPORTANT DATES

LATE NEWS PAPERS 4-page deadline: **September 8th 2023**
 Notification of acceptance for regular abstracts: **August 25th 2023**
 4-page full paper submission deadline: **September 25th 2023**

Registration is now open!

	Early bird registration (before 15/9/23)		Late registration (after 15/9/23)	
	Full price (Eur)	Student (Eur)	Full price (Eur)	Student (Eur)
Non IEEE member	420	320	470	370
IEEE member	370	300	420	350

Registration price includes

-4 days access to the conference (17-20/10/23) & Coffee breaks and lunch meals
 -City tour & Welcome cocktail (17/10) / Proceedings & Book "50 years of ICNF"
 Gala dinner (18/10) : +50 Euros for participants / +100 Euros for accomp. person
 Please click [here](#) to register

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Acoustic Noise – Cheng Li
 Biological Systems – Sandro Carrara
 Circuits and Systems – A. Pezzotta
 Electron Devices – Andries Scholten
 (acting for 2023)
 Instrumentation – Massimo Macucci
 Imagers – Assim Boukhayma
 Materials – Arindam Ghosh
 Photonic Devices – Shiva Kumar
 Reliability – Gilson Wirth
 Stochastic Processes – Ping Ao
 Theory – Luca Varani

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Christoforos Theodorou (Gen.Chair)
 Quentin Rafhay (Co-Chair)
 Frédérique Ducroquet
 Xavier Mescot

SOCIAL EVENTS

Welcome reception

The welcome reception (cocktail party) will take place on Tuesday 17/10/23 at the historical fortress of Grenoble, "La Bastille".



Gala dinner (optional)

The gala dinner will be held on Wednesday 18/10/23 at the Sassenage castle, 15' from Grenoble by bus.



More info

<https://icnf-2023.sciencesconf.org/>

TECHNICAL SPONSORS



VENUE

MINATEC center, Grenoble, FR

First-class museums, full of history castle, and unique places that reflect the city's desire to always surprise and innovate; **Grenoble** has been successfully reinventing itself for more than two centuries, often leading the way for cultural, social, and industrial trends. It seems almost impossible to sum up Grenoble in a few essentials. At least the mountains are an ever-present constant, waiting at the trend of every corner. You will first learn to name them before curiously exploring them, and standing breathless in front of their beauty.



CONFIRMED PLENARY TALKS

ANETA STEFANOVSKA (UK)

Noisy oscillators in biology and medicine

GRAZIELLA SCANDURRA & CARMINE CIOFI (ITALY)

Low-frequency noise measurement systems - design strategies and implementation challenges

GERARD GHIBAUDO (FRANCE)

Carrier number with correlated mobility fluctuations: a model's history and evolution

MARK DYKMAN (USA)

Low-frequency noise in qubits

CONFIRMED INVITED PAPERS

TIBOR GRASSER

TU Wien - Vienna

MICHELE BONNIN

Politecnico di Torino - Italy

SERGEY RUMYANTSEV

Polish Academy of Science - Poland

FABIEN BRETENAKER

Université Paris-Saclay - France

THOMAS SZKOPEK

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