NANO IN BIO 2022

3rd Edition
May 30 to June 05, 2022

Sponsored by CNRS & ACS Publications

La Créole Beach Hotel & Spa, Le Gosier (Guadeloupe, French Caribeean)

TOPICS

Scanning Probe Microscopy
Force spectroscopy

Optical Microscopies
Optical Spectroscopies

Biomaterials & Bioengineering
Nanobiotechnology & nanomedicine

Machine learning
Computational methods

KEY FACTS

ABSTRACT SUBMISSION OPEN

Abstract submission deadline:
February 28th 2022

Notification of acceptance :
March 5th 2022

Early birds deadline:
March 15th 2022

https://nanoinbio2022.sciencesconf.org/

Scanning probe microscopy & force spectroscopy

- Super-resolution & nanovideo imaging
- Single cell & single molecule spectroscopies
- Nanomechanics & mechanobiology
- Nanomaterials & nanomanipulation

Optical microscopies & spectroscopies

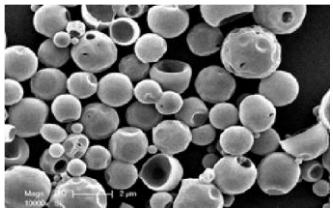
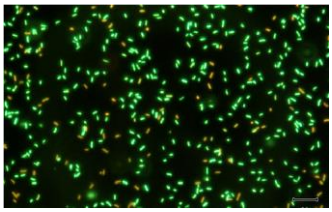
- Super-resolution & nanoscopy imaging
- Advanced fluorescence imaging/spectroscopy
- Multi-dimensional fluorescence & Raman spectroscopy imaging
- Optical spectroscopies & device coupling in bio-applications

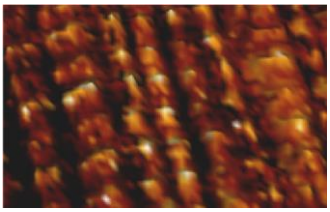
Latest advances in biomaterials & nanobiotechnology

- Bio-inspired materials & smart nanomaterials
- Tissue engineering & nanomedicine
- Advanced methods for bio-imaging & diagnostic
- Drug delivery & nanotoxicity

Machine learning & computational methods

- Computational and machine learning methods
- Automation & fast data processing
- Simulation & theoretical modeling



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Invited Speakers

Catherine Picart
(France)

Jamie Hobbs
(UK)

Jorg Enderlein
(Germany)

Nicholas Kotov
(USA)

Loredana Casalis
(Italy)

Adam Foster
(Finland)

Herman Schillers
(Germany)

Nuria Gavara
(Spain)

Patrick Couvreur
(France)

Takayuki Uchihashi
(Japan)

Teuta Pilizota
(UK)

Special Guests

Sergei Kalinin
(USA)

Georg Fantner
(Switzerland)

Paolo Scrimin
(Italy)

Philippe Lavalle
(France)

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REGISTRATION FEES INCLUDE

- Access to all scientific session, from May 30th to June 5th, 2022
- Book of Abstracts
- Congress bag & goodies
- Lunches & Coffee breaks for 5 days
- Gala dinner (June 4th 2022)
- Full Day Excursion (June 3rd 2022)

LA CREOLE BEACH HOTEL & SPA

HTTP://WWW.CREOLEBEACH.COM
TripAdvisor 4.0/5 - Booking.com 7.7/10

CONTACT

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