

News in Brief

- **25 new master students** have joined NANO-PHOT in September
- **NANO-PHOT attended the “forum des Entreprises UTT”** <https://www.utt.fr/actualites/forum-utt-entreprises-126-entreprises-a-la-rencontre-des-etudiants-et-diplomes-de-lutt>
- **NANO-PHOT** is a new member of Photonics France (<https://www.photonics-france.org/>)

Within the context of NANO-PHOT, a 21-page review article has been published in ACS Photonics on hybrid plasmonic nanosystems based on strong and weak coupling: <https://lnkd.in/zf9ZjHz>. The first author, Minyu Chen is a NANO-PHOT PhD student who will soon defend her thesis and look for a good postdoc in nanophotonics from January 2025. We hope this review will be useful to members of the nanophotonics community (researchers, professors, students, engineers, technicians, ..) who are interested in hybrid plasmonic nano-emitters and nano-absorbers.

AGENDA

■ **Conference NFO17**
2-6 Dec., Melbourne, Australia
<https://aipcongress2024.com/nfo-17/>

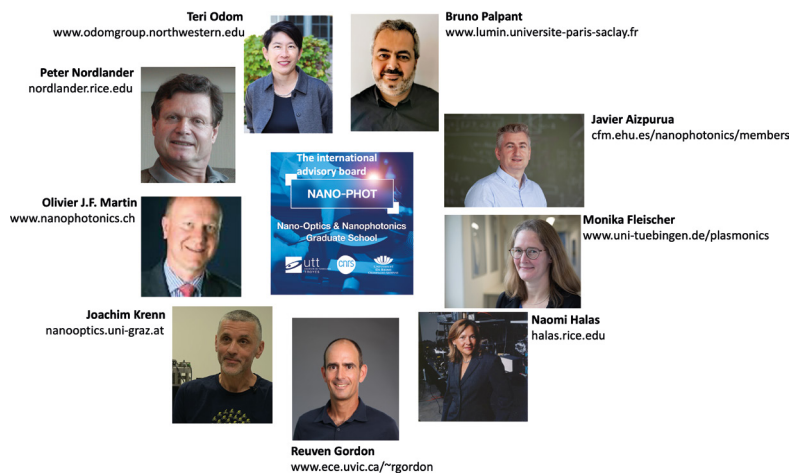
■ **Conference SPP11**
19-23 May, Tokyo, Japan
<https://spp11.tokyo/>

CONTACT

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Presentation of the international advisory board (IAB) of the NANO-PHOT graduate school

Nine world-class scientists help our graduate school to become better



Javier Aizpurua, Ikerbasque Professor at Donostia International Physics Center in San Sebastian, and distinguished researcher at the University of the Basque Country, where he leads the “Theory of Nanophotonics Group”. He addresses theoretical aspects of light-matter interaction at the nanoscale focusing on quantum effects on nanostructures.

Monika Fleischer, Professor at the Institute for Applied Physics of Eberhard Karls University of Tübingen. She serves on the board of directors at the Center for Light-Matter-Interaction, Sensors and Analytics. Her research focuses on nanofabrication and optical spectroscopy of hybrid nanoantenna configurations.

Reuven Gordon, Professor at University of Victoria. He is a leader in nanoaperture optical tweezers, particularly for the label-free analysis of single proteins. He is Fellow of IEEE, SPIE and Optica, Deputy Editor for Optics Express and has served as chair for SPIE Nanoscience and Engineering, NFO16 and the inaugural Gordon Research Conference on Label-Free Single Molecule Sensing.

Naomi Halas, Professor at Rice University. She pursues fundamental studies of light-nano-particle interactions and applications in (e.g) biomedicine, photocatalysis, and solar water treatment. She is a member of the National Academies of Sciences and the Engineering (USA), and member of the Royal Danish Academy of Sciences and Letters.

Joachim R. Krenn, Professor at the University of Graz. He works on the experimental research of optical phenomena on the nanoscale, including plasmonics, single quantum emitters and nanofabrication.

Olivier J.F. Martin, Professor at the Ecole Polytechnique Fédérale de Lausanne, where he conducts comprehensive research on numerical techniques for the solution of Maxwell’s equations with advanced nanofabrication and experiments on plasmonic systems. Applications include optical antennas, metasurfaces, nonlinear optics, security features and optical forces at the nanoscale.

Peter Nordlander, Professor and Wiess Chair of Natural Sciences at Rice University. His research is focused on the theoretical modeling of plasmonics and nanophotonics phenomena. He is the recipient of the 2013 Willis E. Lamb Award, the 2014 Frank Isakson Prize, the 2015 R. W. Wood Prize, and the 2022 Eni Energy Transition Prize.

Teri W. Odom, Joan Husting Madden and William H. Madden, Jr. Professor of Chemistry at Northwestern University. She is an expert in structured nanoscale materials that exhibit extraordinary optical and physical properties. She is a Member of the US National Academy of Sciences and is Editor-in-Chief of Nano Letters.

Bruno Palpant, Professor at CentraleSupélec, University Paris-Saclay, France. He works on optical properties of plasmonic nano-objects in interaction with ultrashort laser pulses. His multidisciplinary projects lead to application for (e.g.) new functional materials and photonic and biomedical technologies.