

Unit Name

Organic and Carbon Nanomaterials Unit

Collaborations

Prof. Klaus Müllen (1), Prof. Xinliang Feng (2), Prof. Yunbin Hu (3), and Prof. Dennis Chung-Yang Huang (4), Max Planck Institute for Polymer Research (1), Faculty of Chemistry and Food Chemistry and Center for Advancing Electronics Dresden (2), College of Chemistry and Chemical Engineering, Central South University (3), and Hokkaido University (4), Germany(1)(2), China (3) and Japan (4), Synthesis and Functionalization of Polycyclic Aromatic Hydrocarbons (PAHs) and Graphene Nanoribbons (GNRs)

Dr. Giuseppe M. Paternò (1), Prof. Francesco Scotognella (2), Prof. Guglielmo Lanzani (3), Prof. María A. Díaz-García (4), Prof. Ryota Kabe (5), Prof. Andrew Musse(6), and Dr. Juan Cabanillas Gonzalez (7), Physics Department, Politecnico di Milano (1), Dipartimento Scienza Applicata e Tecnologia (DISAT), Politecnico di Torino (2), Center for Nano Science and Technology, Istituto Italiano di Tecnologia (IIT), Milano, Italy; Physics Department, Politecnico di Milano (3), Departamento de Física Aplicada and Instituto Universitario de Materiales de Alicante, Universidad de Alicante (4), Organic Optoelectronics Unit, OIST (5), Department of Chemistry & Chemical Biology, Cornell University (6), and Institute for Advanced Studies in Nanoscience (7), Italy (1)(2)(3), Spain (4)(7), Japan (5), and U.S.A (6), Investigations of Photophysical Properties of Nanographenes and Their Functionalized Derivatives

Prof. Mischa Bonn (1), Dr. Hai Wang (2), Prof. Teresa Gatti (3), Prof. Bernd Smarsly (4) and Prof. Silvio Osella (5), Max Planck Institute for Polymer Research (MPIP) (German co-PI of a project funded by JRP-LEAD with DFG) (1), Utrecht University, MPIP (2), DISAT, Politecnico di Torino (3), Justus Liebig University Giessen (4), Centre of New Technologies, University of Warsaw (5), Germany (1)(2)(4), Netherlands (2), Italy (3), Poland (5), Hybridization of Nanographenes and 2D Materials and Investigation of Interlayer Charge/Energy Transfer

Prof. Yabing Qi, Dr. Katsuya (Luis) Ono, Energy Materials and Surface Sciences Unit, OIST, Japan, Application of Functionalized PAHs for Perovskite Solar Cells

Prof. Masahiro Yamashita, IMRAM, Tohoku University, Japan, Room-Temperature Spin Qubits Composed of Nanographene π -Radicals by RKKY Interaction

Dr. Giuseppe M. Paternò (1), Prof. Francesco Scotognella (2), Prof. Guglielmo Lanzani (3), Prof. María A. Díaz-García (4), Prof. Ryota Kabe (5), Prof. Andrew Musse(6), and Dr. Juan Cabanillas Gonzalez (7), Physics Department, Politecnico di Milano (1), Dipartimento Scienza Applicata e Tecnologia (DISAT), Politecnico di Torino (2), Center for Nano Science and Technology, Istituto Italiano di Tecnologia (IIT), Milano, Italy; Physics Department, Politecnico di Milano (3), Departamento de Física Aplicada and Instituto Universitario de Materiales de Alicante, Universidad de Alicante (4), Organic Optoelectronics Unit, OIST (5), Department of Chemistry & Chemical Biology, Cornell University (6), and Institute for Advanced Studies in Nanoscience (7), Italy (1)(2)(3), Spain (4)(7), Japan (5), and U.S.A (6), Investigations of Photophysical Properties of Nanographenes and Their Functionalized Derivatives

Prof. Mischa Bonn (1), Dr. Xiaomin Liu (2) and Prof. Marco Terenzio (3), Max Planck Institute for Polymer Research (1)(2) and Molecular Neuroscience Unit, OIST (3), Germany (1)(2) and Japan (3), Investigations of Nanographene-Based Fluorophores for Super-Resolution (Bio)imaging

Prof. Mischa Bonn (1), Dr. Hai Wang (2), Prof. Teresa Gatti (3), Prof. Bernd Smarsly (4) and Prof. Silvio Osella (5), Max Planck Institute for Polymer Research (MPIP) (German co-PI of a project funded by JRP-LEAD with DFG) (1), Utrecht University, MPIP (2), DISAT, Politecnico di Torino (3), Justus Liebig University Giessen (4), Centre of New

Technologies, University of Warsaw (5), Germany (1)(2)(4), Netherlands (2), Italy (3), Poland (5), Hybridization of Nanographenes and 2D Materials and Investigation of Interlayer Charge/Energy Transfer

Prof. Síle Nic Chormaic, Light-Matter Interactions for Quantum Technologies Unit, OIST, Japan, Optical Trapping of Polymeric Nanoparticle Containing Nanographenes

Prof. Roman Fasel (1), Dr. Marco Di Giovannantonio (2), Dr. José Ignacio Urgel & Prof. David Écija (3), Dr. Antoine Hinaut & Prof. Ernst Meyer (4), Prof. Yoshinori Okada (5) and Prof. Shigeki Kawai (6), nanotech@surfaces laboratory, Empa – Swiss Federal Laboratories for Materials Science and Technology (1), Consiglio Nazionale delle Ricerche (CNR), Istituto di Struttura della Materia (ISM) (2), Institute for Advanced Studies in Nanoscience (IMDEA Nanoscience) (3), Department of Physics, University of Basel (4), OIST (5) and National Institute for Materials Science (NIMS) (6), Switzerland (1)(4), Italy (2), Spain (3) and Japan (5)(6), On-Surface Synthesis and Characterizations of Nanographenes and GNRs

Prof. Jean-Sébastien Lauret (1) and Dr. Stéphane Campidelli (2), Ecole Normale Supérieure de Paris Saclay, Orsay cedex (1) and CEA-Saclay (2), France (1)(2), Investigations of Photoluminescence Properties of Carbon Nanomaterials

Prof. Mischa Bonn (1), Dr. Xiaomin Liu (2) and Prof. Marco Terenzio (3), Max Planck Institute for Polymer Research (1)(2) and Molecular Neuroscience Unit, OIST (3), Germany (1)(2) and Japan (3), Investigations of Nanographene-Based Fluorophores for the Super-Resolution Imaging

Prof. Tadahiro Komeda, IMRAM, Tohoku University, Japan, Exploration of nanographene-based spin qubits for future quantum computing

Prof. Yabing Qi, Dr. Katsuya (Luis) Ono, Energy Materials and Surface Sciences Unit, OIST, Japan, Application of Functionalized PAHs for Perovskite Solar Cells

Research Personnel

Zakaria Ziadi, Staff Scientist

Hao Zhao, Postdoctoral Scholar

Cheng Yi Hou, Postdoctoral Scholar, Assistant Research Fellow/Professor, Academia Sinica (Taiwan)

Jingyun Tan, Postdoctoral Scholar

Xiushang Xu, Postdoctoral Scholar, Professor, Marine College Shandong University

Gao Zhiqiang, Postdoctoral Scholar

Md Imrul Khalid, Postdoctoral Scholar

Sobi Asako, Visiting Researcher

Marco Di Giovannantonio, Visiting Researcher

Hiroki Hanayama, Visiting Researcher

Clément Delacou, Interdisciplinary Postdoctoral Fellow

Goudappagouda, Visiting Researcher

Hui Zhang, Research Assistant

Saurav Raj, PhD Student

Takatsugu Onishi, PhD Student

Scholarly Contributions and Creative Productions (by Faculty)

Journal Article

1. Yang, Q.; Failla, A. V.; Turunen, P.; Mateos-Maroto, A.; Gai, M.; Zuschratter, W.; Westendorf, S.; Gelléri, M.; Chen, Q.; -, G.; Zhao, H.; Zhu, X.; Morsbach, S.; Scheele, M.; Yan, W.; Landfester, K.; Kabe, R.; Bonn, M.; Narita, A.; Liu, X.
Reactivatable Stimulated Emission Depletion Microscopy Using Fluorescence-Recoverable Nanographene. *nature communications* 2025.
2. Marae, I. S.; Tan, J.; Yoshioka, R.; Ziadi, Z.; Khaskin, E.; Vasylevskyi, S.; Kabe, R.; Xu, X.; Narita, A.
Synthesis and Characterizations of Highly Luminescent 5-Isopropoxybenzo[*rst*]pentaphene. *Beilstein Journal of Organic Chemistry* 2025.
3. Navarro-Marín, G.; Hu, Y.; Hinaut, A.; Zhou, L.; Huang, S.; Glatzel, T.; Narita, A.; Meyer, E.
Non-Covalent Molecular Wires of Double Thiahelicene on Cu(111): A Nc-AFM Study at Room Temperature. *The Journal of Physical Chemistry C* 2025, 129, 5637–5644.
4. Zhao, H.; Guillaud, L.; Emily, M.; Xu, X.; Moshniaha, L.; Hanayama, H.; Kabe, R.; Terenzio, M.; Narita, A.
Nanographene-Based Polymeric Nanoparticles as Near-Infrared Emissive Neuronal Tracers. *ACS Nano* 2024, 18.
5. Bassi, N.; Xu, X.; Xiang, F.; Krane, N.; Pignedoli, C.; Narita, A.; Fasel, R.; Ruffieux, P.
Preferential Graphitic-Nitrogen Formation in Pyridine-Extended Graphene Nanoribbons. *Communications Chemistry* 2024, 7.
6. Xu, X.; Moshniaha, L.; Vasylevskyi, S.; Kabe, R.; Ohto, T.; Narita, A.
Synthesis and Characterizations of Dibenzo-Fused Perioctacene. *Angewandte Chemie - International Edition* 2024.
7. Zhao, H.; Moshniaha, L.; Yang, Q.; Bonn, M.; Liu, X.; Kabe, R.; Narita, A.; Muñoz-Mármol, R.; Paternò, G.
Acid-Induced Fluorescence Enhancement of Piperazinylphenyl-Substituted Nanographene. *Chemical Communications* 2024, 60.
8. Varghese, S.; Mehew, J.; Wang, H.; Wuttke, M.; Zhou, Y.; Narita, A.; Cummings, A.; Tielrooij, K.; Müllen, K.
Ultrafast Charge and Exciton Diffusion in Monolayer Films of 9-Armchair Graphene Nanoribbons. *Advanced Materials* 2024, 36.
9. Garcia-Orrit, S.; Vega-Mayoral, V.; Chen, Q.; Serra, G.; Guizzardi, M.; Romano, V.; Dal Conte, S.; Cerullo, G.; Di Mario, L.; Kot, M.; Loi, M.; Narita, A.; Tommasini, M.; Cabanillas-González, J.; Müllen, K.
Visualizing Thermally Activated Conical Intersections Governing Non-Radiative Triplet Decay in a Ni(II) Porphyrin-Nanographene Conjugate with Variable Temperature Transient Absorption Spectroscopy. *Journal of Physical Chemistry Letters* 2024.
10. Xu, X.; Yang, Q.; Zhao, H.; Vasylevskyi, S.; Bonn, M.; Liu, X.; Narita, A.
Chiral Nanographene-Based Near-Infrared Fluorophore with Self-Blinking Properties. *Advanced Functional Materials* 2024, 34.
11. Zhu, X.; Chen, Q.; Zhao, H.; Yang, Q.; -, G.; Gelléri, M.; Ritz, S.; Ng, D.; Koynov, K.; Parekh, S. H.; Chetty, V. K.; Thakur, B. K.; Cremer, C.; Landfester, K.; Müllen, K.; Terenzio, M.; Bonn, M.; Narita, A.; Liu, X.
Intrinsic Burst-Blinking Nanographenes for Super-Resolution Bioimaging. *Journal of the American Chemical Society* 2024.
12. Xu, X.; Kinikar, A.; Di Giovannantonio, M.; Pignedoli, C. A.; Ruffieux, P.; Müllen, K.; Fasel, R.; Narita, A.
On-Surface Synthesis of Anthracene-Fused Zigzag Graphene Nanoribbons from 2,7-Dibromo-9,9'-Bianthryl Reveals Unexpected Ring Rearrangements. *Precision Chemistry* 2024.

13. Liu, J.; Hong, J.; Liao, Z.; Tan, J.; Liu, H.; Dmitrieva, E.; Zhou, L.; Ren, J.; Cao, X.-Y.; Popov, A. A.; Zou, Y.; Narita, A.; Hu, Y.
Negatively Curved Octagon-Incorporated Aza-Nanographene and Its Assembly with Fullerenes. *Angewandte Chemie International Edition* 2024, 63.
14. Zhao, H.; Wang, Y.; Chen, Q.; Liu, Y.; Gao, Y.; Müllen, K.; Li, S.; Narita, A.
A Nanographene-Porphyrin Hybrid for Near-Infrared-Ir Phototheranostics. *Advanced Science* 2024, 11.
15. Di Giovannantonio, M.; Qiu, Z.; Pignedoli, C.; Asako, S.; Ruffieux, P.; Müllen, K.; Narita, A.; Fasel, R.
On-Surface Cyclization of Vinyl Groups on Poly-Para-Phenylene Involving an Unusual Pentagon to Hexagon Transformation. *Nature Communications* 2024, 15.
16. Wu, H.; Hanayama, H.; Coehlo, M.; Gu, Y.; Wu, Z.-H.; Takebayashi, S.; Jakob, G.; Vasylevskiy, S.; Schollmeyer, D.; Kläui, M.; Pieters, G.; Baumgarten, M.; Müllen, K.; Narita, A.; Qiu, Z.
Stable π -Extended Thio[7]helicene-Based Diradical with Predominant Through-Space Spin–Spin Coupling. *Journal of the American Chemical Society* 2024.

Patent and Intellectual Property

1. Qi, Y.; Narita, A.; Wu, T.; Xu, X.; Kabe, R.; Ono, L. K.; Mariotti, S.; Raj, S.; Yoshioka, R.
Hole-Selective Contact Material, Photoelectric Conversion Device and Polycyclic Aromatic Hydrocarbon Compound. WO2024181467A1, 2024.
2. Narita, A.; Kabe, R.
Fluorescence Recovery in Nanographene. EP24165695.8, 2024.
3. Qi, Y.; Narita, A.; Kabe, R.
Graphene-Like Conjugated Molecule as Hole Selective Contact for Operationally Stable Inverted Perovskite Solar Cells and Modules, 2024.

Presentation at Conference

1. Narita, A.
ナノグラフェンの精密合成と分子構造に依存した特異な物性
The 105th CSJ Annual Meeting 2025.
2. Narita, A.
Functionalization of Nanographenes for Modulation of the Excited State Dynamics
The 13th International Symposium on Dynamic Exciton (ISDyEx) 2025.
3. Narita, A.
ナノグラフェン分子の蛍光特性と超解像顕微鏡への応用
第397回蛍光体同学会講演会 2024.
4. Narita, A.
Synthesis and Characterizations of Nanographenes with Red to near-Infrared Emission toward Photonic Applications
The 2nd International Symposium on Molecular Materials (ISMM) and The 3rd Clar-Müllen Carbon International Symposium (CMCIS) 2024.
5. Narita, A.
Synthesis of Functional Molecular Nanographenes: Emerging Properties and Applications
The 2nd International Symposium on Innovative Molecular Technology 2024.
6. Narita, A.
Large Polycyclic Aromatic Hydrocarbons with Unique Structure-Dependent Properties
The 1st OIST-OU Joint Symposium on Emergent Functional Materials and Reactions 2024.

7. Narita, A.
Synthesis and Characterizations of Chiral Nanographenes
OIST-JST-AIMR Joint International Symposium: Interaction Between Various Chiral Fields and Chiral Materials 2024.
8. Narita, A.
Synthesis and Functionalization of Nanographenes with Red to Near-Infrared Emission for Photonic Applications
245th ECS Meeting, B05—Fullerenes – Endohedral Fullerenes and Molecular Carbon, in Memory of Bob Curl 2024.
9. Narita, A.
On-Surface Synthesis of Open-Shell Nanographenes Through the π -Extension of Dibenzo[hi,st]ovalene
245th ECS Meeting, B10—On-Surface Synthesis of Carbon Nanomaterials 2024.
10. Narita, A.
Synthesis of Benzo-Fused Periacenes as Fragments of Low-Bandgap Graphene Nanoribbons
ACS Fall 2024 Elevating Chemistry, 2024.
11. Narita, A.
Nanographenes as Highly Luminescent Carbon Nanomaterials
JST-OIST Joint Symposium on Circularly Polarized Luminescence and the Related Phenomena 2023.
12. Narita, A.
Molecular Synthesis and Functionalization of Atomically Precise Fluorescent Nanographenes
OIST-Kyudai Joint Symposium Series 1: Bio-Inspired Wonders and Energy Innovations 2024.

Seminars

1. Narita, A.
Bottom-up Molecular Synthesis of Atomically Precise Graphene Nanostructures and Their Emerging Properties. 2024.

Scholarly Contributions (For Unit Members Only)

Name of Unit Member (Author-Presenter)	Type	Title	Outlet	Publisher	Year Pub
Jingyun Tan	Journal Article	Hexabenzoperylene-Cored Double Thiahelicenes with Strong Luminescence	Advanced Optical Materials	WILEY	2025
Zakaria Ziadi	Other Scholarly Work	Exploring the Environmental Impact on the Semiconducting Properties of Copper Oxide (CuO) Nanowires through Scanning Tunneling Microscopy (STM)	Research Collaboration with Prof. Tomoko Shimizu in Keio Univesity		
Jingyun TAN	Poster Presentation at Conference	Synthesis and Properties of a π -Extended Double [9]Helicene	The 13th International Symposium on Dynamic Exciton (ISDyEx)		
Hao Zhao	Poster Presentation at Conference	Photo-excited Nanographenes for Cancer Phototheranostics	The 13th International Symposium on Dynamic Exciton (ISDyEx)		
Jingyun TAN	Presentation at Conference	Synthesis and Properties of Double Helicenes	EU-Japan Symposium on Emerging Nanomaterials		

Name of Unit Member (Author-Presenter)	Type	Title	Outlet	Publisher	Year Pub
			for Photonics and Catalysis		
Zhiqiang Gao	Presentation at Conference	Synthesis of Nanographenes with Ca ²⁺ Triggered “Turn-On” Blinking Properties toward Super-Resolution Biosensing	The 105th CSJ Annual Meeting		
Saurav Raj	Presentation at Conference	Synthesis and optical properties of 4,12-dimethoxydibenzo[hi,st]ovalene and its conversion to bistriflate	The 105th CSJ Annual Meeting		
Md. Imrul Khalid	Presentation at Conference	Synthesis and Optical Properties of Diazadibenzo[hi,st]ovalene Derivatives	The 105th CSJ Annual Meeting		
Zakaria Ziadi	Presentation at Conference	CuO nanowires-based devices for gas sensing: microfabrication, in situ growth, and n to p-type transition	15th International Symposium on Atomic Level Characterizations for New Materials and Devices '24		
Zakaria Ziadi	Presentation at Conference	Nanomaterials and Nanofabrication for Sensing Applications	MIRAI GCT Materials Symposium		
Jingyun TAN	Presentation at Conference	Synthesis of π -extended helicenes through cyclization of p-terphenyl-based precursors	The 105th CSJ Annual Meeting		
Hao Zhao	Presentation at Conference	Nanographene-based Polymeric Nanoparticles for Bioapplications	EU-Japan Symposium on Emerging Nanomaterials for Photonics and Catalysis		
Hao Zhao	Presentation at Conference	Self-Blinking Nanographene with Cationic Side Chains for Super-Resolution Bioimaging of Live-Cell Membrane	The 105th CSJ Annual Meeting		
Cheng Yi Hou	Seminars	Pentagon-Heptagon Pair in the Sea of Hexagons: from Azulene to the Dislocation Defects in Graphene	OIST internal seminar		
Zakaria Ziadi	Seminars	Nanomaterials and Nanofabrication for Sensing Applications	SmoleQ Greeting Seminar (online)		
Zakaria Ziadi	Seminars	Nanomaterials and Nanofabrication for Sensing Applications	MIRAI Sweden-Japan Networking Workshop on Materials for Energy Conversion & Storage		

Honors, Awards & Fellowships

Jan 2024 - Ongoing JAFOW Best Speaker Award, 2024, Engineering Academy of Japan and US National Academy of Engineering

Honors, Awards & Fellowships (only by unit members)

2022-09-01 Hao Zhao, JSPS Postdoctoral Fellowship, 日本学術振興会外国人特別研究員, 2022, JSPS, 研究課題: 超解像イメージングのための水溶性ナノグラフェン蛍光体の合成

External Service

2025 Co-Organizer for B05 symposium at the 247rd ECS Meeting, The Electrochemical Society, To organize the Symposium Topic "B05 - Fullerenes - Endohedral Fullerenes and Molecular Carbon" at the Meeting.

2024-2025 - Ongoing Co-organizer of a symposium at PACIFICHEM 2025, Pacific Basin Chemical Societies; The Canadian Society for Chemistry (CSC) is the host society for the 2025 Congress., To organizing a symposium focused on the Chemistry of Nanocarbons -Fullerenes, Carbon Nanotubes, Nanographenes, and Beyond -(Organic) at PACIFICHEM 2025, the 2025 International Chemical Congress of Pacific Basin Societies.

2024-06-15 JAFOE2023『Molecular Design and Chemical Synthesis of Carbon Nanomaterials』のその後への参加, Executive Committee of Japan America Frontiers of Engineering, The Engineering Academy of Japan JAFOE 実行委員会, Talk at "FRONTIERS OF ENGINEERING JAPAN" in Yamagata, Japan

2024 Chair of the Thieme Cheminar "Soluble Graphene Nanoarchitectures", Georg Thieme Verlag KG, Chaired the Thieme Cheminar on "Soluble Graphene Nanoarchitectures" on September 3, 2024.

2024 Co-Organizer for B05 symposium at the 245rd ECS Meeting, The Electrochemical Society, To organize the Symposium Topic "B05 - Fullerenes - Endohedral Fullerenes and Molecular Carbon" at the Meeting.

2023- - Ongoing Associate Editor, Georg Thieme Verlag KG, Development of the topics for a special issue of the journal "Organic Materials", being responsible for the editorial management of the individual manuscripts.

2020- - Ongoing A member of the Early Career Advisory Board (ECAB) of AsianJOC, The Asian Journal of Organic Chemistry (AsianJOC), Wiley-VCH, To support the journal in several ways, such as suggesting topics for special collections that are timely and of significance to a research community, serving as a guest editor, recommending upcoming young scientists in the area of expertise as reviewers and review authors, and providing input on a variety of topics.

Other Institutional Service

2025-03-12 Nanographenes prolong super-resolution microscopy from minutes to hours, (Narita - Organic and Carbon Nanomaterials Unit)

2024-10-24 Crossing Borders and Disciplines in Europe and Finding a Multidisciplinary Hub in Okinawa, (Narita - Organic and Carbon Nanomaterials Unit)

2024-06-27 ナノグラフェンにおける蛍光回復, (Narita - Organic and Carbon Nanomaterials Unit)

Outreach Activities (For Unit Members Only)

2025 Clément Delacou, Science Talk to Seibudai High School students, OIST

2024 Clément Delacou, OIST Science Festival 2025, OIST

2024	Zakaria Ziadi, OIST logo image with the neurons, BRIDGE Human-Model-World Exhibition
2024	Zakaria Ziadi, OIST logo image with the neurons, BRIDGE Human-Model-World Exhibition

Workshops and Seminars (Organized and Hosted by Faculty/Units)

Speaker Name(s)	Title	Location	Co-Organizers	Date
Symposium (please see the website)	The 13th International Symposium on Dynamic Exciton (ISDyEx)	OIST main campus	Prof. Hiroshi Imahori, Graduate School of Engineering, Kyoto University, Japan, Prof. Ryota Kabe, Organic Optoelectronics Unit, OIST, Prof. Christine Luscombe, pi-Conjugated Polymers Unit, OIST and Prof. Akimitsu Narita, Organic and Carbon Nanomaterials Unit, OIST	2025-01-28
Prof. Stefan Matile (University of Geneva, Switzerland)	Translational Supramolecular Chemistry	L4E48, OIST		2025-01-09
Prof. Eiichi Nakamura (Professor Emeritus of Chemistry at the University of Tokyo)	Cinematic Chemistry: The Journey of Electron Microscopy from Molecular Movies to Molecular Statistics	B250, OIST		2024-11-19
Dr. Marco Di Giovannantonio (Research Scientist, National Research Council of Italy - CNR)	New avenues for the on-surface synthesis: atomically precise single-atom catalysts	L4E01, OIST		2024-08-01
Dr. Andrea Candini (Senior Researcher, National Research Council of Italy - CNR))	Charge transport in 2D materials thin films: role of surface chemistry, morphology and assembly	L4E48, OIST		2024-06-17
Symposium (please see the website)	OIST-JST-AIMR Joint International Symposium: Interaction Between Various Chiral Fields and Chiral Materials	OIST main campus	Prof. Reiko Oda (Tohoku University & CNRS-University of Bordeaux), Prof. Kenichi Sugiura (Tokyo Metropolitan University)	2024-06-05
Symposium (please see the website)	The 1st OIST-OU Joint Symposium on Emergent Functional Materials and Reactions	OIST main campus	Prof. Tomohiko Nishiuchi (Associate Professor, Department of Chemistry, Osaka University)	2024-05-09
Prof. Silvio Osella (Centre of New Technologies, University of Warsaw)	Lighting-up low dimensional materials through hybridization: Optoelectronic properties and perspectives	B503, OIST		2024-04-26
Prof. Hai Wang (Utrecht University & Max Planck)	Charge Carrier Dynamics in Low-dimensional Optoelectronic Materials	B503, OIST		2024-04-25

Speaker Name(s)	Title	Location	Co-Organizers	Date
Institute for Polymer Research)	by Terahertz Spectroscopies			
Dr. Sobi Asako (RIKEN, Japan)	Exploring Organosodium and Molybdenum Chemistry for Sustainable Synthesis	C210, OIST		2024-04-22
Symposium (please see the website)	EU-Japan Symposium on Emerging Nanomaterials for Photonics and Catalysis	OIST main campus	Prof. Hai Wang (Utrecht University; Max Planck Institute for Polymer Research), Prof. Silvio Osella (Centre of New Technologies, University of Warsaw), Prof. Teresa Gatti (Department of Applied Science and Technology, Politecnico di Torino; Justus Liebig University Giessen)	2024