





Italy-Japan CNR(SCITEC)-UNIMI Symposium on Condensed Conjugation

Milan, October 10th-11th 2024

October 10th

10.00 - 10.30 10.30 - 10.40	Welcoming participants Shu Seki (Graduate School of Engineering, Kyoto University)
10.40 – 11.05	Opening Remarks Shu Seki (Graduate School of Engineering, Kyoto University)
	Electronic Conductive Pathways in Conjugated Molecular Condensates
11.05 – 11.30	Luca Beverina (University of Milano Bicocca - UNIMIB)
	Conjugated materials from and into interface rich water based microbeterogeneous
	environments. Introducing sustainghility in organic electronics
11.30 - 11.55	Taishi Takanohu (Graduate School of Engineering, Nagova University)
	Metallic charge carrier transport in electrochemically doned polymer films
11.55 – 13.30	Lunch
13.30 - 13.55	Kenichiro Hashimoto (Graduate School of Frontier Science, The University of Tokyo)
	Altermagnetism in single-component organic conductors
13.55 – 14.20	Alessandra Forni (SCITEC - CNR)
	Cyclic triimidazole derivatives: An intriauina family of gagregation induced
	fluorescent and phosphorescent organic emitters
14.20 – 14.45	Daiki Shimizu (Graduate School of Engineering, Kvoto University)
	Oxidation of Weakly Coupled Diradical" Approach for Designing Optical Band Gap in
	the Near- to Mid-IR Region
14.45 – 15.15	Coffee Break
15.15 – 15.40	Umberto Giovanella (SCITEC - CNR)
	Conjugated polymers as crucial components for efficient circularly polarised multi-
	layered OLEDs
15.40 – 16.05	Yosuke Tani (Graduate School of Science, Osaka University)
	Fast phosphorescence from metal-free organic compounds
16.05 – 16.30	Hiroshi Shinokubo (Graduate School of Engineering, Nagoya University)
	Close stacking of antiaromatic porphyrins through MO interactions.
16.30 – 16.55	Sara Mattiello (University of Milano Bicocca - UNIMIB)
	Luminescent persistent radicals with extended conjugation for photon management
	applications
16.55 – 17.20	Masashi Murai (Graduate School of Engineering, Nagoya University)
	Control of Molecular Assembly by Azulene Fusion toward Functional π -Materials







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09.00 - 09.25	Giulio Cerullo (Politecnico di Milano)
	Real-time observation of conical intersections in biomolecules with ultrafast optical
	spectroscopy
09.25 – 09.50	Hiromitsu Maeda (College of Life Sciences, Ritsumeikan University)
	π -Electronic Ion Pairs for Stacked Assemblies and Functional Materials
09.50 – 10.15	Gennaro Pescitelli (University of Pisa - UNIPI)
	Chiral π -conjugated materials: characterization and applications
10.15 – 10.40	Yoshitaka Tsuchido (Department of Chemistry, Faculty of Science, Tokyo University of
	Science)
	Synthesis of Carbon Nanohoops via a Macrocyclic Gold Complex for Advanced
	Condensed Conjugation
10.40 – 11.10	Coffee Break
11.10 – 11.35	Takanori Fukushima (Institute of Innovative Research, Tokyo Institute of Technology)
	Rational Strategy for Creating Organic Materials Featuring Two-Dimensional
	Structural Order
11.35 – 12.00	Simonetta Orlandi (SCITEC - CNR)
	π -Conjugated Organic Molecules for Charge Transport Layers in Perovskite Solar Cells
12.00 – 12.25	Ichiro Hisaki (Graduate School of Engineering Science, Osaka University)
	Stimuli responsive noncovalent organic frameworks
12.25 – 14.00	Lunch
14.00 – 14.25	Tomoyuki Akutagawa (Institute of Multidisciplinary Research for Advanced
	Materials, Tohoku University)
	Functional organic materials by designing motional freedom
14.25 – 14.50	Serena Arnaboldi (University of Milano - UNIMI)
	Unconventional ways of shaking hands: from molecular to macro approaches
14.50 – 15.15	Carlo Casari (Politecnico di Milano - POLIMI)
	Playing with sp-hybridized carbon atoms: from carbon atomic wires to 2D materials
	beyond graphene
15.15 – 15.40	Kenji Matsuda (Graduate School of Engineering, Kyoto University)
	Control of Photophysical Properties of Molecules by Controlling Orbital Symmetry and
	Energy Levels
15.40 – 15.50	Closing Remarks