

2nd International Symposium of JSPS Core-to-Core Program on
"Molecular Recognition Mechanism between Flexible Molecules"

10th – 11th March 2022, via Zoom

Session time: 8:30 – 11:30 (CET) = 16:30 – 19:30 (JST)

Oral Session (Zoom)

<https://us06web.zoom.us/j/86559527175?pwd=Z3BRRUVQVkJZWm3NuZkjrWThYUIFMZz09>

Meeting ID: 865 5952 7175, **pwd:** 317566

Program 10th March, 2022

---- **Session Chair : Haruki Ishikawa (Kitasato U)** ----

8:30 (16:00) Opening Remarks by Japanese Coordinator, Masaaki Fujii (TokyoTech)

8:35 (16:35) "Probing protonation site switching in hydrated clusters by cryogenic ion spectroscopy: The case of *p*-aminobenzoic acid derivatives" **(O1)**

Keisuke Hirata (TokyoTech)

9:05 (17:05) "Bent Polyaromatic Amphiphiles as Functional Molecular Tools in Water" **(O2)**

Michito Yoshizawa (TokyoTech)

9:35 (17:35) German Coordinator's Overview, Otto Dopfer (TU Berlin)

9:40 (17:40) "Optical spectroscopy of small gold cluster cations: Complicated and simple cases" **(O3)**

Marko Förstel (TU Berlin)

10:10 (18:10) Break

---- **Session Chair : Mitsuhiro Miyazaki (Ochanomizu U)** ----

10:20 (18:20) "Electronic spectroscopy of diamondoid radical cations in a cryogenic ion trap: Search for DIB carriers" **(O4)**

Parker Crandall (TU Berlin)

10:40 (18:40) "Vibrational spectroscopy of diamondoid radical cations and their clusters in a molecular beam: Implications for chemical reactivity" **(O5)**

Martin George (TU Berlin)

11:00 (19:00) "How H-bonds control the secondary structures of natural and synthetic polypeptides : Inputs from laser spectroscopy and quantum chemistry" (O6)

Michel Mons (CEA / U. Paris-Saclay)

11:30 (19:30) Closing of the session

11th March, 2022

---- Session Chair : Eric Gloaguen (CNRS / U. Paris-Saclay) ----

8:30 (16:30) French Coordinator's Overview and "Photoelectron circular dichroism of flexible molecules" (O7)

Anne Zehnacker-Rentien (CNRS / U. Paris-Saclay)

9:05 (17:05) "Excited State dynamics of nanohydrated protonated tryptophan revisited" (O8)

Gilles Grégoire (CNRS / U. Paris-Saclay)

9:35 (17:35) "Competing deactivation processes in deprotonated anions and the influence of functional groups on photostability" (O9)

Jennifer Noble (CNRS / U. Aix-Marseille)

10:05 (18:05) Break

---- Session Chair : Akio Kitao (TokyoTech) ----

10:15 (18:15) "Direct imaging of rotational wave packets in molecular clusters and chiral molecules: New ways of rotational spectroscopy and chirality discrimination" (O10)

Kenta Mizuse (Kitasato U)

10:45 (18:45) "Charge resonance interaction in pyrrole dimer cation and its solvated clusters probed by IR spectroscopy" (O11)

Yoshiteru Matsumoto (Shizuoka U.)

11:15 (19:15) Closing Remarks & **Group Photo** (Screen shot in Zoom)

Telephone connection (in case you are away from internet)

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