

LogicLab Symposium 'Molecular Biosensing: from Theory to Practice'

Friday 19 November 2021

Day 3: 3rd day (14:00-17:45)

| time | [id] title | presenter |
|-------|--|------------------------------|
| 14:00 | [48] Introduction | |
| 14:10 | [49] Visualizing dynamic processes with rapidFLIMHiRes, the ultra fast FLIM imaging method with outstanding 10ps time resolution | Dr JOLMES, Fabian |
| 14:30 | [60] Monitoring excited-state relaxation in a molecular marker in live cells—a case study on astaxanthin | YANG, Tingxiang |
| 14:40 | [82] Synthesis of Ruthenium-based nitric oxide releasers towards visible light activation by triplet-triplet annihilation upconversion | Mr ELBEHEIRY, Hani M. |
| 14:50 | [81] DNA-nanoantenna ECL assay development for bacteria detection | RUIZ DE EGUILAZ, Miren |
| 15:00 | [57] Watching life at molecular level through advanced chemical microscopy | Prof. CHENG, Ji-Xin |
| 15:25 | [71] Questions and answers | Prof. CHENG, Ji-Xin |
| 15:35 | Break | |
| 16:00 | [83] Creating upconverting liposomes sensitive to Ca^{2+} | ANDREEVA, Valeriia |
| 16:10 | [80] EdU-labelling: Raman-based click-free detection of endothelial cell proliferation | Mr RADWAN, Basseem |
| 16:20 | [87] Bodipy Derivatives Sensitized Triplet Triplet Annihilation Upconversion in Solution and Liposomes | PRABHAKARAN, Amrutha |
| 16:30 | [78] Synthesis and functionalization of ferrite magnetic beads for bioseparation and biosensing applications | Mr YILMAZ, Yasar Ozer |
| 16:40 | Break | |
| 17:00 | [53] Carotenoid-mediated photophysics in plants | Dr COHEN, Gabriela S. Schlau |
| 17:25 | [72] Questions and answers | Dr COHEN, Gabriela S. Schlau |
| 17:35 | [58] Concluding Remarks | |