



WORKSHOP ON “LAB ON CHIPS”

Jeudi 3 mai 2018

ENSMM - 24 rue Alain Savary - Besançon

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|----------------------|---|
| 9h30 - 9h50 | Accueil des participants |
| 9h50 – 10h00 | Introduction |
| 10h00 - 10h30 | Specific isolation of bacterial cells onto micro magnets using different labeling strategies
Marie Frenea-Robin, AMPERE (France) |
| 10h30 - 11h00 | Electrical and mechanical sensing single cells within microfluidic devices
Bruno Le Pioufle, SATIE (France) |
| 11h00 – 11h30 | <i>Pause</i> |
| 11h30 – 12h00 | From innovative medicines to highly selective cell sorting
Aude Bolopion, FEMTO-ST (France) |
| 12h00 – 12h30 | Real-time optimization based feedback micromanipulation using dielectrophoresis across the electrodes
Zdenek Hurak, AA4CC (République Tchèque) |
| 12h30 – 13h00 | Lab on chip developments at the MN2S department of FEMTO-ST
Franck Chollet, Jean-François Manceau, FEMTO-ST (France) |
| 13h00 – 14h00 | <i>Repas</i> |
| 14h00 – 15h30 | Visite de l'Institut FEMTO-ST, départements AS2M et MN2S |
| 15h30 – 16h00 | Posters |
| 16h00 – 16h30 | Microfluidic characterization of mechanical phenotype to discriminate pathological Red Blood Cells
Magalie Faivre, INL (France) |
| 16h30 – 17h00 | Lab On Chip devices at LMIS4 / Controlled formation of cell aggregates by dielectrophoresis
Jonathan Cottet, EPFL (Suisse) |
| 17h00 – 17h15 | Conclusion |

Contact

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