

COST Action TD1007: Bimodal PET-MRI molecular imaging technologies and applications for in vivo monitoring of disease and biological processes

COST Office, Avenue Louise 149, Brussels

3rd April 2014

09:30 – 16:15

Meeting subject: “Bridging the gap between PET and MR simulations”

Agenda

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|---------------|---|--|
| 09:15 - 09:30 | Welcome and Introduction | <i>Dimitris Visvikis, INSERM Brest</i> |
| 09:30 - 09:50 | Fast simulation of PET data using forward projection and scatter simulation with STIR | <i>Kris Thielemans, UCL</i> |
| 09:55 - 10:15 | Monte Carlo simulations for ET imaging | <i>Dimitris Visvikis, INSERM Brest</i> |
| 10:20 - 10:40 | Jemris 2.7 - a look under the hood | <i>Kaveh Vahedipour, Juelich</i> |
| 10:45 - 11:15 | Break | |
| 11:15 - 11:35 | MRI Simulation with ODIN | <i>Thies Jochimsen, Leipzig</i> |
| 11:40 - 12:00 | MRI Simulation with POSSUM | <i>Ivana Drobnjak, UCL</i> |
| 12:05 - 12:25 | Towards a comparative study of MRI simulators | <i>Artur Klepaczko, University of Lodz</i> |
| 12:30 - 13:30 | Lunch | |
| 13:30 - 13:50 | A Virtual Imaging Platform for medical image simulation | <i>Sorina Pop, Lyon</i> |
| 13:55 – 14:15 | Semantic annotation of medical image simulation object models | <i>Bernard Gibaud, INSERM Rennes</i> |
| 14:20 - 16:00 | Discussion and proposals for future collaborative projects | |