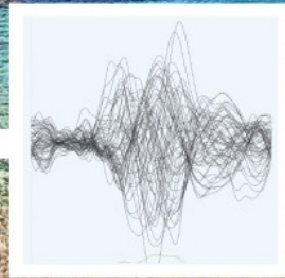
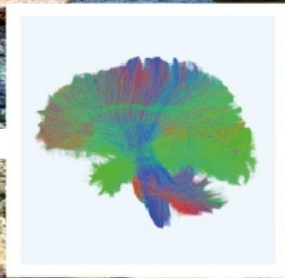
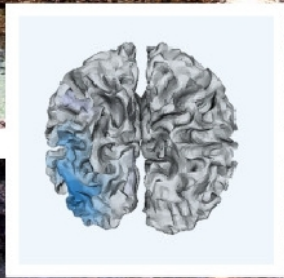


WINTER SCHOOL WORKSHOP 2017

COMPUTATIONAL BRAIN CONNECTIVITY-MAPPING



Rachid Deriche
Côte d'Azur University, Inria
France



Congress Center, Juan les Pins - Nov. 20-24, 2017



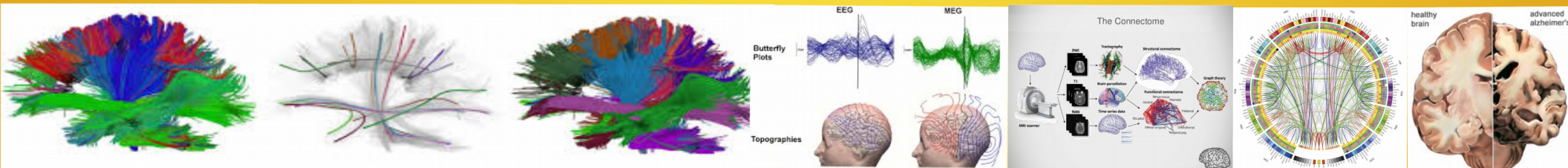
*Opening event of the 5 years CoBCoM **European Research Council Advanced Grant***

- Develop advanced & integrated models for dMRI, EEG & MEG
- Towards a Dynamical Structural-Functional Connectome
- Meet, exchange and learn the state-of-the-art
- Pave the way for collaborations and advances in CoBCoM

Open Positions :
<https://project.inria.fr/cobcom2017/>

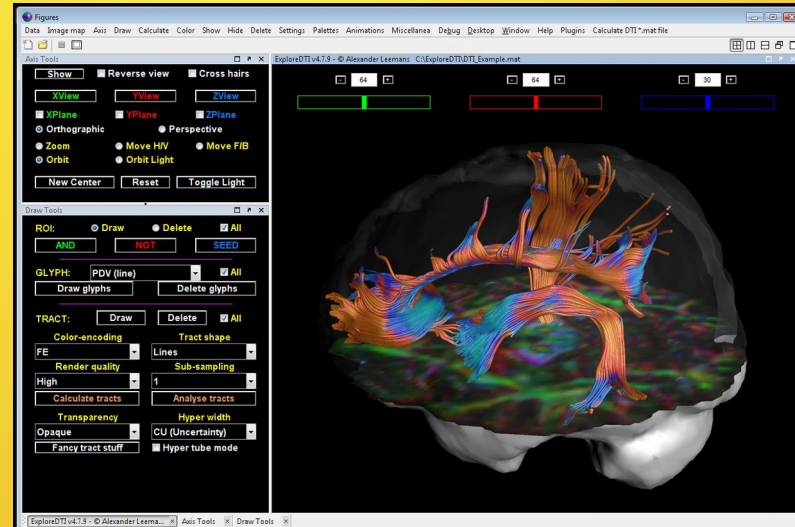
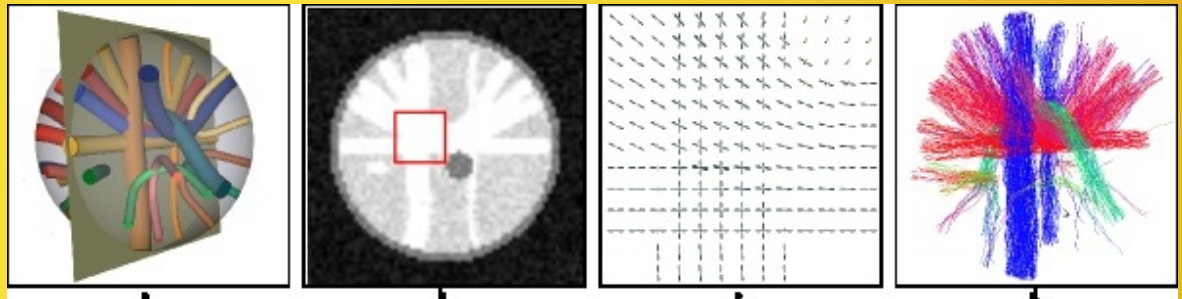
10 oral sessions

- Brain Connectome Analysis, Encoding and Advances from HCP
- Computational dMRI : Challenges in Tractography, Microstructures..
- Image Quality Assesment, Transfert & Validation
- Riemannian & Finslerian Geometry, Invariance and beyond
- Cortical Parcellation & Computational neuro-anatomy
- Multimodal functional Imaging with MEG, EEG & functional MRI
- From Functional connectomics to Dynamic Brain Network Analysis
- Structure-Function relationship in epilepsy & Patho-Connectomics

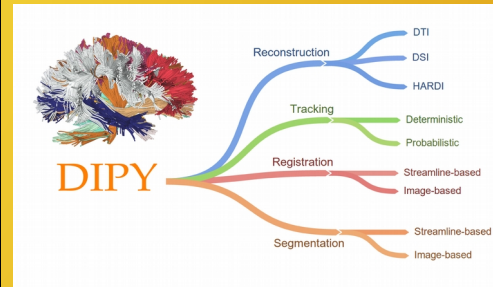


Software for exploring, visualizing and analyzing dMRI, MEG, EEG & fMRI

- Diffusion Imaging in Python
- Explore DTI
- Phantomas
- Fibernavigator
- OpenMeeg & MNE
- Scikit-Learn & nilearn
- WMQL



OpenMEEG



Thanks to the 28 leading researchers from all over Europe, USA and Canada



Max Planck Institut (Germany), University of Wisconsin-Madison (USA), Inria (FR), Aix-Marseille University (FR), Sherbrooke University (CA), Eindhoven University of Technology (NL), Paris Saclay University (FR), Karolinska Institut (SE), Newcastle University (GB), University Medical Center Utrecht (NL), University of Minnesota (USA), University of Verona (IT), Linköping University (SE), University of Pittsburgh (USA), University of Indiana (USA), Swiss Federal Institut of Technology (CH), University of Pennsylvania (USA), EPFL (CH), Harvard Medical School (USA), Cardiff University (UK), University College London (UK).



3 Posters Sessions

- Tuesday – Wednesday – Thursday
- Posters are displayed during all the 3 days
- Posters presenters required to be present only from 1pm to 2pm of their poster presentation
- 9 to 10 posters presented per session
- Not to miss place for exchanges & fruitful discussions

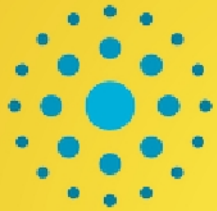
Gala Dinner at AC Hotel Ambassadeur - Wednesday at 7:45pm



Welcome Cocktail (6pm today), Lunches and Coffee Break at Congress Center

Thanks to our sponsors

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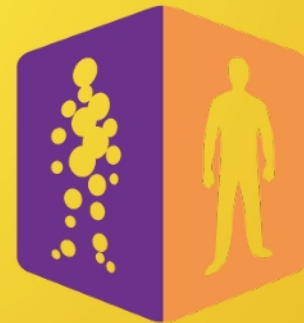
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THANKS TO ALL THE PARTICIPANTS AND TO THE ORGANIZERS

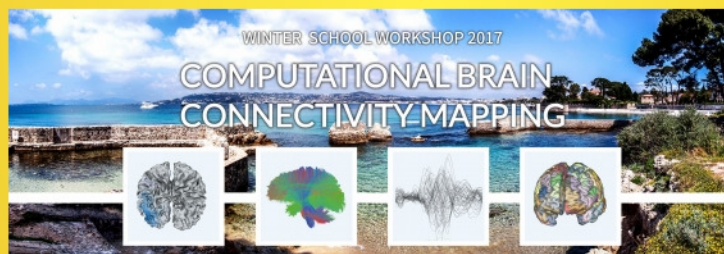


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