



CHAIRE INNOVATION TECHNOLOGIQUE LILIANE BETTENCOURT

Année académique 2015-2016

José-Alain SAHEL, Professeur

Restauration visuelle : nouvelles stratégies, nouveaux enjeux

International Symposium in English

(traduction simultanée)

Monday 6th and Tuesday 7th June 2016

Amphithéâtre Marguerite de Navarre

Monday 6th June 2016

9h15 The challenges ahead

José-Alain SAHEL*, membre de l'Institut

09h30 Introduction lecture : the Lasker initiative

John Dowling, National Academy of Sciences,
University of Harvard

Reconnecting the eye and the brain

10h00 Alain Chedotal, Inserm

Zhigang He, University of Harvard

11h00 Coffee Break

11h20 Jean Livet, Institut de la vision (Inserm, CNRS, UPMC)

Olivier Goureau, Institut de la vision (Inserm, CNRS,
UPMC)

Frank Bradke*, German Center for Neurodegenerative
Diseases

12h45 Lunch

What can we expect from Optogenetics

14h15 Ernst Bamberg*, Max Planck Institut, Francfort
Botond Roska, Friedrich Miescher Institute (FMI,
Suisse)

Richard Kramer, University of Berkeley

16h00 Coffee Break

**How well can we Restore Retinal Circuit Function with
Optogenetics**

16h20 Jens Duebel, Institut de la vision (Inserm, CNRS,
UPMC)

Valentina Emiliani, CNRS, University Paris Descartes

Neuromorphic Vision

17h20 Ryad Benosman, Institut de la vision (Inserm, CNRS,
UPMC)

Tuesday 7th June 2016

Improving prosthetics

09h00 Serge Picaud, Institut de la Vision (Inserm, CNRS,
UPMC)

Eberhart Zrenner*, University of Tuebingen
Daniel Palanker, University of Stanford

10h45 Coffee Break

Gene Therapy, Beyond current trials

11h00 Deniz Dalkara, Institut de la Vision (Inserm, CNRS,
UPMC)

Jean Bennett, University of Pennsylvania

Paul Sieving*, Director of National Eye Institute
(NEI, NIH)

Donald Zack, Johns Hopkins University

13h00 Lunch

Systems Pharmacology

14h00 Jeff Goldberg, University of Stanford

Christophe Baudouin, Centre Hospitalier National des
Quinze-Vingts, Paris

Krys Palczewski, Case Western University, Cleveland

Concluding lectures

15h30 Bernard Gilly, Ibionext

The role of start-up companies in supporting
innovation

16h00 Paul Sieving*, Director of National Eye Institute
(NEI, NIH)

Audacious goals

Conclusion

16h45 John Dowling, José-Alain Sahel

*Membre de la Leopoldina



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Nationale Akademie
der Wissenschaften

