



**Ecole Normale Supérieure
Salle Jaurès
29 rue d'Ulm, 75005 PARIS**

Jeudi 5 Avril 2018

12h00-13h00: Accueil des participants

13h00-13h40: Roberto Bassi Université de Vérone, Italie
Light absorption avoidance and Excess energy dissipation for synergic regulation of plant light use efficiency

13h40-14h20: Cristian Iliescu I2BC, CEA-Saclay, France
Single molecule spectroscopy (SMS) studies on light harvesting complexes

14h20-14h45: Alizée Malnoe UPSC, Umea, Suède
Molecular Players of Sustained Energy Dissipation in Plants

14h45-15h25: Café-Posters

15h25-15h50: Marie Chazaux BIAM, CEA Cadarache, France
The mutant *Acclimation of Photosynthesis to the Environment 1 (ape1)* is affected in PSII super-complex reorganization during high light acclimation

15h50-16h15: Alexis Riché Université Genève, Suisse
Investigating the role of Photosystem II phosphorylation in assembly and repair

16h15-16h55: Diana Kirilovsky I2BC, CEA-Saclay, France
Revisiting cyanobacterial state transitions

16h55-17h35: Christophe Six Roscoff, France
Photosynthetic antennae of picocyanobacteria : adaptation to a variable ocean

17h35-18h15: Roman Sobotka Université de Bohême, Trebon, République Tchèque
Is induced aggregation a leitmotif of the whole LHC superfamily?

15 minutes de pause

18h30-19h30: AG de la SFPhi et bilan du GDR

19h30: Dîner-buffet à l'ENS (participation 25 €)

Vendredi 6 avril 2018

9h00-9h40: Anne-Soisig Steunou I2BC, Gif sur Yvette, France
From metallic to oxidative stress in photosynthetic bacteria

9h40-10h20: Pierre Crozet IBPC, Paris, France
Birth of a photosynthetic chassis: a MoClo toolbox for synthetic biology in the microalga *Chlamydomonas reinhardtii*

10h20-11h15: Café-Posters

11h15-11h40: Lidia Zucarello LIPM, France
Investigation of Oxygen Evolving Complex catalytic cycle by Far FTIR difference spectroscopy

11h40-12h05: Adrien Burlacot L3BM, CEA Cadarache, France
Flavodiiron-mediated oxygen photoreduction, a relay between hydrogen production and CO₂ fixation during the anaerobic induction of photosynthesis in *Chlamydomonas*

12h05-12h30: Ines Beaugelin BIAM, CEA Cadarache, France
Singlet oxygen signaling in plants: from the chloroplast to the endoplasmic reticulum

12h30-14h00: Repas à l'IBPC

14h00-14h40: Pierre Cardol Université de Liège, Belgique
Evolution of photosynthetic electron transfer chain in secondary algae : the case of *Euglena gracilis*

14h40-15h20: Yves Goulas Ecole Polytechnique, France
Detection of chlorophyll fluorescence from space to assess ecosystems photosynthesis: present state and perspectives

15 minutes de pause

15h35-16h00: Juan José Pierella Karlusich ENS, Paris, France
Phytoplankton responses to iron availability in the ocean

16h00-16h25: Luisana Avilan BIP, Marseille, France
Unmasking the function of ppGpp in the diatom *Phaeodactylum tricornutum*

16h25-16h50: Alexandra Petlekis IBPC, Paris, France
Allelopathic interactions between phytoplankton species

Conclusion

