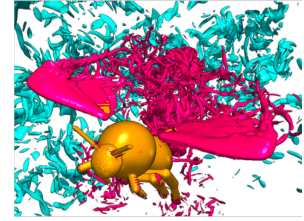


**ANR-DFG AIFIT KICK-OFF MEETING  
Paris, September 26-27, 2016**

<http://aifit.cfd.tu-berlin.de/wordpress/>



**Agenda**

**Monday, September 26, 2016**

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20h00 – 22h30

AIFIT Dinner near Luxembourg Park and Odeon Theater,  
**Le Bouillon Racine, 3 rue Racine Paris 6ième**, tel. 01-44-32-15-60  
<http://www.bouillon-racine.com/>

**Tuesday, September 27, 2016**

**Ecole Normale Supérieure, 45 rue d'Ulm Paris 5ième**

Salle Annexe du CEA (Centre d'Etudes Anciennes), tel. 06-72-46-80-70

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9h00            Opening welcome : [Marie Farge](#) (LMD-ENS Paris)

9h15            Presentation and discussions

[Henja Wehmann](#), [Fritz Lehmann](#) (U. Rostock)

*Measuring wing elasticity in insect wings - problems and solutions (30 mins)*

[Thomas Engels](#) (TU Berlin)

*1) Experiments with butterflies, kinematic reconstruction, data and problems (15 mins)*

*2) Progress in the development on a wavelet-based adaptive solver (WABBIT: Wavelet adaptive block-based solver for insects in turbulence) (20mins)*

*3) Sensitivity to directional aerial perturbations in bumblebee (5 mins)*

*4) Modeling the flight muscle system and why my idea failed (5 mins)*

*5) Turbulence generated by fractal trees - (5 mins)*

[Kai Schneider](#) (Aix-Marseille U.)

*Helical vortices generated by flapping wings of bumblebees (30 mins)*

12h00            Lunch, **L'Ile de Crète, 10 rue Mouffetard**, tel. 01-43-26-31-37

14h00            Café and visit of the *Laboratoire de Météorologie Dynamique*, ENS  
**24 rue Lhomond Paris 5ième**, 2<sup>nd</sup> Floor, *Département de Géophysique*

15h00            Working session and organization of the project

16h30            Closing : [Marie Farge](#) (LMD-ENS Paris)

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