

Minutes of the AIFIT Meeting 30-31.1.2020

Joern Sesterhenn

31. Jan. 2020

1 Final AIFIT Meeting Universite Aix-Marseille

1.1 Participants

- Philipp Krah
- Thomas Engels
- Hung Truong
- Joern Sesterhenn
- Kai Schneider

1.2 Wednesday 29.1.2020

1.2.1 20:30h Dinner at Le Souk (with Marie Farge)

1.3 Thursday 30.1.2020

1.3.1 10:00h Kai Schneider Welcome and Review of the AIFIT Project

- Review of the project
- Deliverables Procope FIFIT report
- ANR final report

1.3.2 10:30h–11:50h Philip Krah wavelet based Model Order Reduction

- Wavelet based adaption of snapshost to reduce the number of degrees of freedom prior to a POD
- Discussion about how to improve the inner product

1.3.3 12:15 – 12:45 Hung Truong Numerical study of flexible flapping wings

Advances of the numerical computation of the Flexible Wing.

1.4 Friday 30.1.2020

1.4.1 Diskussion

- Skype meeting with Dmitry Kolomenskiy
- Future Proposals within the AIFIT Group

1.4.2 14:00 Thomas Engels Wavelet based adaptive flow simulations of flapping fliers