

EXCELLENCE IN AFRICA

Réunion de démarrage — Kick-off meeting

UM6P, Benguéir & videoconference: 01.07.2021, 09.00–17.30 (UTC/GMT + 1)

PARTIE OFFICIELLE — OFFICIAL PART

- 09.00 – 09.10 **Bienvenue** — Welcome
- Hicham El Habti, Président de l'UM6P et Co-directeur du programme EXAF
- 09.10 – 09.30 **Discours officiels**
- Guillaume Scheurer, Ambassadeur de Suisse au Maroc
 - Mohamed Methqal, Directeur de l'AMCI, Maroc
- 09.30 – 09.40 **Programme EXAF: les grandes lignes**
- Jérôme Chenal, Co-directeur du programme EXAF

DÉVELOPPEMENT DU CORPS PROFESSORAL JUNIOR JUNIOR FACULTY DEVELOPMENT

- 09.40 – 09.50 **General presentation of the Programme**
- Frédéric Meylan, Programme manager, EPFL
- 09.50 – 10.05 **JFD Projects 1 & 2**
- “The design of reactive, sponge-like materials for the production of chemicals and fuels from CO₂”**
- Samir El Hankari (UM6P)
 - Wendy Queen (EPFL)
- “Exploiting the potential of underutilized African plants and agricultural wastes in biofuels production”**
- Thomas Kivevele (Nelson Mandela African Institution of Science and Technology, Tanzania)
 - Jeremy Luterbacher (EPFL)
- 10.05 – 10.15 **Panel discussion**
animated by Khalid Baddou, Chief of staff, UM6P
- Sustainable development in Africa: Which role for sciences and engineering?**
- 10.15 – 10.30 **JFD Projects 3 & 4**
- “Machine Learning for Energy Efficient Internet of Things Networks”**
- El Mehdi Amhoud (UM6P)
 - Andreas Burg (EPFL)
- “Embedded exact quantum dynamics for photocatalytic water splitting”**
- Steve Ndengué (East African Institute for Fundamental Research, University of Rwanda)
 - Nicola Marzari (EPFL)
- 10.30 – 10.40 **Panel discussion**
animated by Khalid Baddou, Chief of staff, UM6P
- Digital transformation of Africa: Facts, figures, and perspectives**

10.40 – 10.55

JFD Projects 5 & 6

“Hybrid Solar-Energy Harvester: The Nanostructures and Nano-Optoelectronics Characterization”

- Sabastine Ezugwu (University of Nigeria Nsukka in Nigeria)
- Anna Fontcuberta i Morral & Francesco Stellacci (EPFL)

“Searching for a Parkinson’s disease cure in Animal venom”

- Ines El Bini (Institut Pasteur de Tunis in Tunisia)
- Hilal Lashuel (EPFL)

10.55 – 11.05

Panel discussion

animated by Frédéric Meylan, Programme manager, EPFL

Scientific excellence in Africa: Role of the next scientist generation

100 DOCTORATS POUR L’AFRIQUE – 100 PHDS FOR AFRICA

11.05 – 11.15

Présentation générale du programme

- Zineb Azmi, Chargée de mission, UM6P

ÉDUCATION NUMÉRIQUE – DIGITAL EDUCATION

15.30 – 15.40

Opening session

- Rafiq El Alami, Head of Digital Learning and Digital for Research labs, UM6P

15.40 – 16.00

**Présentation des 3 axes de Digital Education:
C-CoDE, MOOCs, Formation Continue**

- Dimitrios Noukakis, Programme manager, EPFL

16.00 – 16.45

Conference on Digital Education + Q&A

- Pierre Dillenbourg, Associate Vice President for Education, EPFL

16.45 – 17.00

Témoignage d’expert-e-s C-CoDE:

Animé par Dimitrios Noukakis, Programme manager, EPFL

CONCLUSION – CONCLUSION

17.00 – 17.15

Synthèse de la journée

- Olivier Küttel, Délégué de l’EPFL aux affaires internationales

17.15 – 17.30

Conclusion et lancement d’EXAF

- Hicham El Habti, Président de l’UM6P et Co-directeur du programme EXAF
- Jérôme Chenal, Co-directeur du programme EXAF