### SUMMER SCHOOL OCTOBER 19 – 23, 2020
#### PROGRAM

**Monday, 19 October 2020**
- 13:30 Welcome
- 14:00 Lecture „General introduction on AI“
- 16:00 Break
- 16:30 Workshop „Imagine applications of AI in your PhD“
- 18:00 Free Time

**Tuesday, 20 October 2020**
- 09:00 Lecture „German vision of AI in research“
- 10:30 Break
- 11:00 Lecture „French vision of AI in research“
- 12:30 Lunch
- 14:00 Round Table „Going beyond with AI“
- 15:30 Break / Demos
- 17:00 Practical course „AI sandboxes“ (IMI)
- 19:00 Karaoke

**Wednesday, 21 October 2020**
- 09:00 Lecture „French vision of AI in industry“
- 10:30 Break
- 11:00 Lecture „German vision of AI in industry“
- 12:30 Lunch
- 14:00 Round Table „Going beyond with AI“
- 16:30 Visit ZKM
- 19:00 Dinner

**Thursday, 22 October 2020**
Visit of Huawei Research Center, Munich

**Friday, 23 October 2020**
- 09:00 Lecture „Societal impacts of AI“
- 10:30 Break
- 11:00 Practical course „AI sandboxes“ (IMI)
- 12:30 Lunch
- 14:00 Departure (opportunity to visit Baden-Baden)

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**PRACTICAL TRAINING IN RESEARCH AND INDUSTRY FOR UPCOMING AI TALENTS**

Artificial intelligence is omnipresent in our society and in particular in the context of industry 4.0. This workshop aims to reflect the French and German vision for artificial intelligence, in order to develop advanced skills in this area.

Researchers will strive to harness their creativity to address real industrial problems using emerging AI methods and technologies. The societal impacts of AI will also be addressed and field trips to industrial partners are planned.
FRENCH-GERMAN INSTITUTE FOR INDUSTRY OF THE FUTURE

Europe’s industrial future has to be envisioned and designed to cross borders and be prepared to face the challenges of the 4th industrial revolution in order to strengthen its economy. France and Germany play a major role in this challenge and aim to enhance Europe’s industrial competitiveness through bilateral cooperation.

In this framework, Karlsruhe Institute of Technology (KIT) and Arts et Métiers Institute of Technology have now joined their strengths by the creation of the French-German Institute for “Industry of the Future” that was initiated by signing an MoU in April 2016. The French-German Institute builds on a strong relationship between KIT and Arts et Métiers Institute of Technology spanning over 20 years in education through a double degree, a doctoral school with joint PhDs, and summer schools. It aims to bring together academics, industry, and start-ups on a collaborative platform in order to strengthen research, innovation, and higher education for the Industry of the Future.

Event Venue
Karlsruhe Institute of Technology
76131 Karlsruhe, Germany

Organized by:

Supported by:

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