SMAI

Certificate of Attendance

Abdoulaye Koroko

attended to the

CEMRACS 2021 Summer School

on the topic

Data Assimilation and Reduced Modeling for High Dimensional Problems.

The school was held at CIRM, Luminy, France, from July 19th to July 23rd, 2021.

On behalf of the organisers:

The school had six lectures of 4.5 hours each:

1. *Approximation of multivariate functions: reduced modeling and recovery from uncomplete measurements.* Speaker: Albert Cohen.

2. *Bayesian methods for inverse problems.* Speaker: Masoumeh Dashti

3. *Methods for high-dimensional optimisation.* Speaker: Eric Moulines

4. *Approximation and learning with tree tensor networks.* Speaker: Anthony Nouy

5. *Bayesian data assimilation and filtering.* Speaker: Claudia Schillings

6. *Statistical analysis of machine learning methods* Speaker: Johannes Schmidt-Hieber