



This is to certify that

**KETKAEW Rangsiman**

attended in-person the following workshop:

**20 years of Metadynamics**

Location: CECAM-HQ-EPFL, Lausanne, Switzerland & on-line (hybrid format)

Date: September 5 - 8, 2022

Organized by:

**Massimiliano Bonomi**, Institut Pasteur – CNRS, France

**Giovanni Bussi**, Scuola Internazionale Superiore di Studi Avanzati, Italy

**Francesco Gervasio**, University of Geneva, Switzerland

**Paraskevi Gkeka**, Sanofi, France

**Alessandro Laio**, SISSA, Italy

**Michele Parrinello**, ETHZ, Switzerland



Prof. Ignacio PAGONABARRAGA  
CECAM Director