

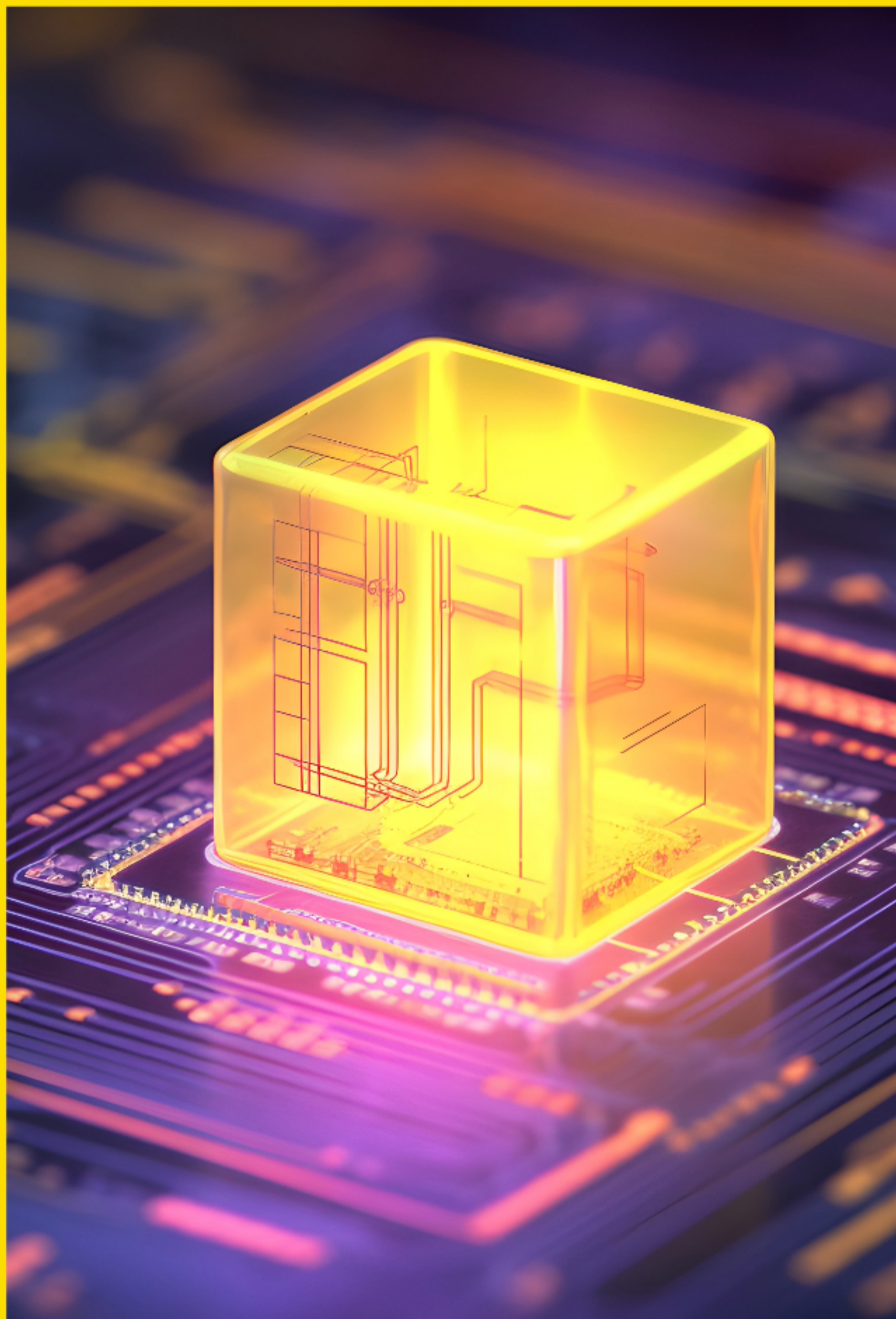
SSOM Microscopy Meeting 2023
Swiss Society for Optics and Microscopy

QUANTUM COMPUTING & BIG DATA

At IBM Research Europe,
Zürich laboratory

NOVEMBER 29 | 9:30AM

welcome & badge pick-up: 9:30
scientific programme: 9:50 - 12:30



This meeting will introduce the fundamental principles of quantum computing, as well as the materials crucial to the field explored through the lens of electron microscopy. Currently, the amount of data generated by microscopy in biology and material science is getting bigger and bigger, also due to the new generation of detectors. This meeting will discuss how artificial intelligence can help in interpreting the data and how to cope with its exponential growth.

SYMPOSIUM PROGRAMME

- "Quantum materials in TEM" (Dr Tommaso Antonelli, ETH)
- "Quantum computing" (Dr Heike Riel, IBM)
- "Electron microscopy: artificial intelligence and big data" (Prof Cécile Hébert, EPFL)
- "X-ray tomography: big data management" (Dr Goran Lovric, PSI)

Followed by a round table discussion, lunch and lab tours

DETAILED PROGRAMME AT SSOM.CH

REGISTRATION MANDATORY, PLEASE USE THE QR CODE:

