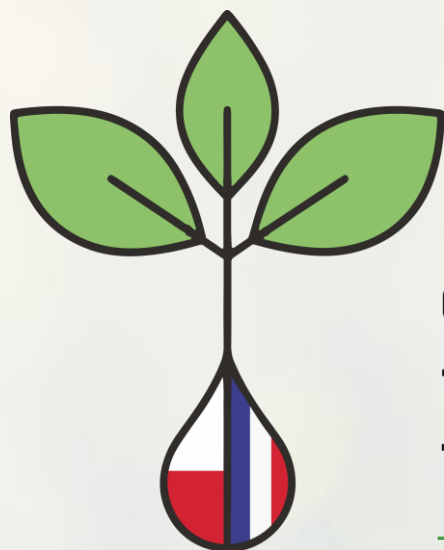




Conservation of forest genetic resources – from molecular basis of seed longevity to biodiversity preservation

OCTOBER 27, 2026

THE SCIENTIFIC CENTER OF THE POLISH ACADEMY OF SCIENCES IN PARIS, FRANCE

A scientific event organised by the Scientific Center of the Polish Academy of Sciences in Paris (France) and the Institute of Dendrology, Polish Academy of Sciences (Poland)

09:00	OPENING
09:00-09:30	Andrzej M. Jagodziński - Institute of Dendrology, Polish Academy of Sciences: two centuries of trees, decades of science
09:30-10:00	Czesław Koziol - Genetic aspects linked to static <i>ex situ</i> conservation, production and use of forest reproductive material
10:00-10:30	Christophe Bailly - Seed biology in a changing climate: challenges for seed quality and plant adaptation
10:30-10:50	Julia Zinsmeister - From chromatin to mitochondria: molecular determinants of seed longevity in <i>Arabidopsis</i> and rice
10:50-11:00	DISCUSSION
11:00-11:30	COFFEE BREAK
11:30-12:00	Mélisande Blein-Nicolas - Proteomics as a cornerstone in deciphering the genotype-phenotype relationship
12:00-12:20	Tomasz A. Pawłowski - Mechanism of European beech adaptation to environmental conditions in the seed germination process
12:20-12:40	Hanna Fuchs - From quantity to quality: climatic drivers of European beech seed mass and viability
12:40-13:00	Mikołaj K. Wawrzyniak - From seeds to embryos: cryopreservation for the long-term storage of plant genetic resources
13:00-13:20	Ewa M. Kalembe - The same genus but different physiology – how orthodoxy and recalcitrance affect seed traits in <i>Acer</i> species
13:20-13:40	Chandrodhay Saccaram - Characterizing the seed spermosphere: fundamental insights into exudate-mediated seed–microbial interactions for sustainable crop protection
13:40-14:10	DISCUSSION
14:30-15:30	LUNCH