Programme of the IUVSTA Vacuum School 2026: Lectures and practical sessions

Lecture	Lecturer
Introduction to vacuum gas dynamics	Oleg Malyshev (STFC)
Sources of gas in vacuum systems	Oleg Malyshev (STFC)
Rough vacuum pumps	Frank Rathmann (Leybold)
Vacuum pumps from HV to XHV	Frank Rathmann (Leybold)
Vacuum gauges	Martin Wüest (Inficon)
RGAs	Valerie Derpmann (Inficon)
Clean vacuum	René Koops (TNO)
Vacuum valves	Marco de Roos (VAT)
Design of vacuum chambers	Klaus Bergner (VACOM)
NEG pumps and coating	Enrico Maccallini (SAES Getter)
Applications: plasma based thin film technology	Sven Ulrich (KIT)
Applications: surface and thin film analysis	Michael Wahl (IFOS)

Practical session	Lecturer
Materials, joints, seals	Klaus Bergner, VACOM)
Outgassing	Joachim Wolf (KIT)
Vacuum gauges and RGA	Valerie Derpmann (Inficon)
Leak detection	Jan-Hendrick Dörr (Pfeiffer Vac.)
Coating	Sven Ulrich (KIT)
Pump service	Jan-Hendrick Dörr (Pfeiffer Vac.)