

Session Program

Oct 18 - 23, 2026



24th IUVSTA Vacuum School Theory, Design, Instrumentation and Operation

Lecture

KIT - Campus North, Institute for Astro-Particle Physics (IAP), Bdg. 401, Room 410
IAP, Building 401 Herrmann-von-Helmholtz-Platz 1 76344 Eggenstein-Leopoldshafen Germany

Mon, October 19

8:45 AM

Lecture: 1

Session | **Location:** KIT - Campus North, Bdg 401 (IAP), Room 410

8:45 - 10:00 AM **Introduction to vacuum gas dynamics**

Speaker

Dr Oleg Malyshev

10:00 AM

10:15 AM

Lecture: 2

Session | **Location:** KIT - Campus North, Bdg 401 (IAP), Room 410

10:15 - 11:30 AM **Sources of gas in vacuum systems**

Speaker

Oleg Malyshev

11:30 AM

11:45 AM

Lecture: 3

Session | **Location:** KIT - Campus North, Bdg 401 (IAP), Room 410

11:45 AM - 1:00 PM **Rough vacuum pumps**

Speaker

Dr Frank Rathmann

1:00 PM

Tue, October 20

8:30 AM

Lecture: 4

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

8:30 - 9:45 AM **Vacuum gauges**

Speaker

Dr Martin Wüest

9:45 AM

10:00 AM

Lecture: 5

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

10:00 - 11:15 AM **RGAs**

Speaker

Martin Wüest

11:15 AM

11:45 AM

Lecture: 6

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

11:45 AM - 1:00 PM **Vacuum pumps from HV to XHV**

Speaker

Frank Rathmann

1:00 PM

Wed, October 21

8:30 AM

Lecture: 7

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

8:30 - 9:45 AM **Clean vacuum**

Speaker

René Koops

9:45 AM

10:00 AM

Lecture: 8

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

10:00 - 11:15 AM **Vacuum Valves**

Speaker

Marco de Roos

11:15 AM

11:45 AM

Lecture: 9

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

11:45 AM - 1:00 PM **Design of vacuum chambers**

Speaker

Klaus Bergner

1:00 PM

Thu, October 22

8:30 AM

Lecture: 10

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

8:30 - 9:45 AM **NEG pumps and coating**

Speaker

Dr Enrico Maccallini

9:45 AM

10:00 AM

Lecture: 11

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

10:00 - 11:15 AM **Application of vacuum systems: plasma based thin film technology**

Speaker

Sven Ulrich

11:15 AM

11:45 AM

Lecture: 12

Session | **Location:** KIT - Campus North, Bdg. 401 (IAP), Room 410

11:45 AM - 1:00 PM **Application of vacuum systems: surface and thin film analysis**

Speaker

Michael Wahl

1:00 PM