

2nd World Forum on Particle Therapy

Leadership-Vision and Long-Term Strategy

August 29 - 31, 2024
Krems, Austria

Hosts:

Prof. Dr. Eugen B. Hug,
MedAustron Ion Therapy Center

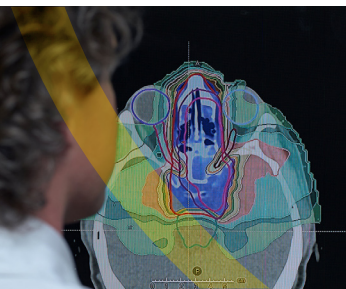
Prof. Steven J. Frank, M.D.,
MD Anderson Cancer Center

Prof. Anita Mahajan, M.D.,
Mayo Clinic Minnesota

Prof. Brad Hoppe, M.D., MPH,
Mayo Clinic Florida

A
**Brain
Trust**

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the event
webpage



ARRIVAL DAY - THURSDAY, AUGUST 29

6.00 p.m. Welcome Dinner

Steigenberger Hotel Krems

FRIDAY, AUGUST 30

8.15 - 4.00 **SCIENTIFIC PROGRAM**

8.15 - 8.30 Welcome Address

Session 1
8.30 - 10.00 **Mythbusters: Particles are Magical**

What is reality? Do we have irrefutable medical evidence for some disease or sites - based on which studies? Are break-through studies on the horizon? What about Quality of Life and Re-Integration into Society?

10.00 - 10.20 Coffee Break

Session 2
10.20 - 11.40 **Pediatrics as the Gateway to Acceptance of Protons**

If we have evidence in adult cancers - how do we translate it into clinical acceptance? What will it take - is it messaging, money, patient access, scepticism of the community?

11.40 - 12.30 Lunch Break

Session 3
12.30 - 2.00 **Clinical Studies for Protons and Heavy Ions - Do or Die**

Lessons learned from failed studies. Heavy Ion Evidence relies on international, intercontinental studies. How do we best design studies that can accomplish meaningful endpoints AND can withstand and overcome the logistical hurdles of international study regulations and national rules? Do we have enough robust data from photons? Will AI help?

2.00 - 2.20 Coffee Break

Session 4
2.20 - 3.50 **Particle Therapy Industry: High Risks - High Rewards?**

Share your concerns. More particles for more patients - the goals are similar for all of us. Do we need better strategy-alignments?

5.15 p.m. **SOCIAL PROGRAM**

5.15 Bus transfer from Steigenberger hotel to Grafenegg Castle

6.00 Dinner Reception at Grafenegg Castle

7.15 Open Air Concert at Wolkenturm at Grafenegg Castle:
Symphonieorchester des Bayerischen Rundfunks • Conductor: Sir Simon Rattle
Program: Anton Bruckner: Symphonie Nr. 4 Es-Dur »Romantische« • Thomas Adès: Aquifer
Refreshments in the castle park during the interval

SATURDAY, AUGUST 31

8.30 - 3.30 SCIENTIFIC PROGRAM

Session 5 8.30 - 9.30	Day 1 Backlog Session Discussing open questions from sessions 1 - 4
Session 6 9.30 - 11.00	Heavy Ion Therapy and Immune Modulation Forging a new chapter in particle therapy
11.00 - 11.20	Coffee Break
Session 7 11.20 - 12.50	Optmizing Particle Therapy - The Search for the Elusive, Perfect Particle Introduction of other heavy ions in clinical routine: strategic decisions versus opportunistic approach?
12.50 - 1.50	Lunch Break
Session 8 1.50 - 3.20	Roadmap to Success: Crystallization of Key Messages What have we learned from each other over the last 1.5 days? What will it take to positively move forward? Getting ready for a White Paper.

6.00 p.m. SOCIAL PROGRAM

6.00	Boarding the »MS Austria«
6.30 - 9.30	Danube Dinner Cruise • Route: Krems - Spitz - Krems

PROGRAM FOR ACCOMPANYING PERSONS

A cultural and culinary program in Vienna and in the Wachau region will be arranged depending on the participants. Please note that this program is not complimentary.

MEETING SITE / SOCIAL PROGRAM

As a location, we have again chosen the beautiful Wachau region: a part of the Danube Valley between Melk and Krems west of Vienna and UNESCO World Heritage Site.



PANEL SESSIONS: MODERATORS & PANELISTS

Mythbusters: Particles are Magical

Moderator: Steven J. FRANK

Panelists: Jeffrey BRADLEY
Dirk DE RUYSSCHER
Tadashi KAMADA

1

Pediatrics as the Gateway to Acceptance of Protons

Moderator: Anita MAHAJAN

Panelists: Rakesh JALALI
Masashi KOTO
Carola LÜTGENDORF-CAUCIG
Helen SHI

2

Clinical Studies for Protons and Heavy Ions - Do or Die

Moderator: Brad HOPPE

Panelists: Piero FOSSATI
Hitoshi ISHIKAWA
Charles SIMONE
Bhadrasain VIKRAM

3

Particle Therapy Industry: High Risks - High Rewards?

Moderator: Jay FLANZ

Panelists: Hesham GAYAR
Oliver JÄKEL
Michael PENNIMENT
Erik TRANEUS
IBA

4

Backlog Session

(open questions from day 1)

Jay FLANZ
Steven J. FRANK
Brad HOPPE
Eugen B. HUG
Anita MAHAJAN

5

Heavy Ion Therapy and Immune Modulation

Moderator: Chandan GUHA

Panelists: Sungjune KIM
Walter TINGANELLI
Slavisa TUBIN
James WELSH

6

Optimizing Particles - The Search for the Elusive, Perfect Particle

Moderator: Hsiao-Ming LU

Panelists: Verity AHERN
Christian GRAEFF
Arnold POMPOS
Michael STORY
Javier TORRES-ROCA

7

Roadmap To Success: Crystallization of Key Messages

Jay FLANZ
Steven J. FRANK
Chandan GUHA
Brad HOPPE
Eugen B. HUG
Hsiao-Ming LU
Anita MAHAJAN

8

PARTICIPANTS

The following institutions are represented at the Forum:

AMERICA (USA only)

- Mayo Clinic
- MD Anderson Cancer Center
- Massachusetts General Hospital
- Memorial Sloan Kettering Cancer Center
- Johns Hopkins University School of Medicine
- California Protons Cancer Therapy Center/University of California, San Diego
- University of Pennsylvania
- Wayne State University/Karmanos Cancer Institute, McLaren Proton Therapy
- Loma Linda University
- Moffitt Cancer Center
- Albert Einstein College of Medicine/Montefiore Medical Center
- National Cancer Institute
- University of California San Francisco
- University of Washington/Fred Hutchinson Cancer Center
- University of Florida
- University of Texas Southwestern Medical Center
- Leo Cancer Care Inc.



AUSTRALIA

- Australian Bragg Centre for Proton Therapy and Research
- Westmead Hospital/University of Sydney



ASIA

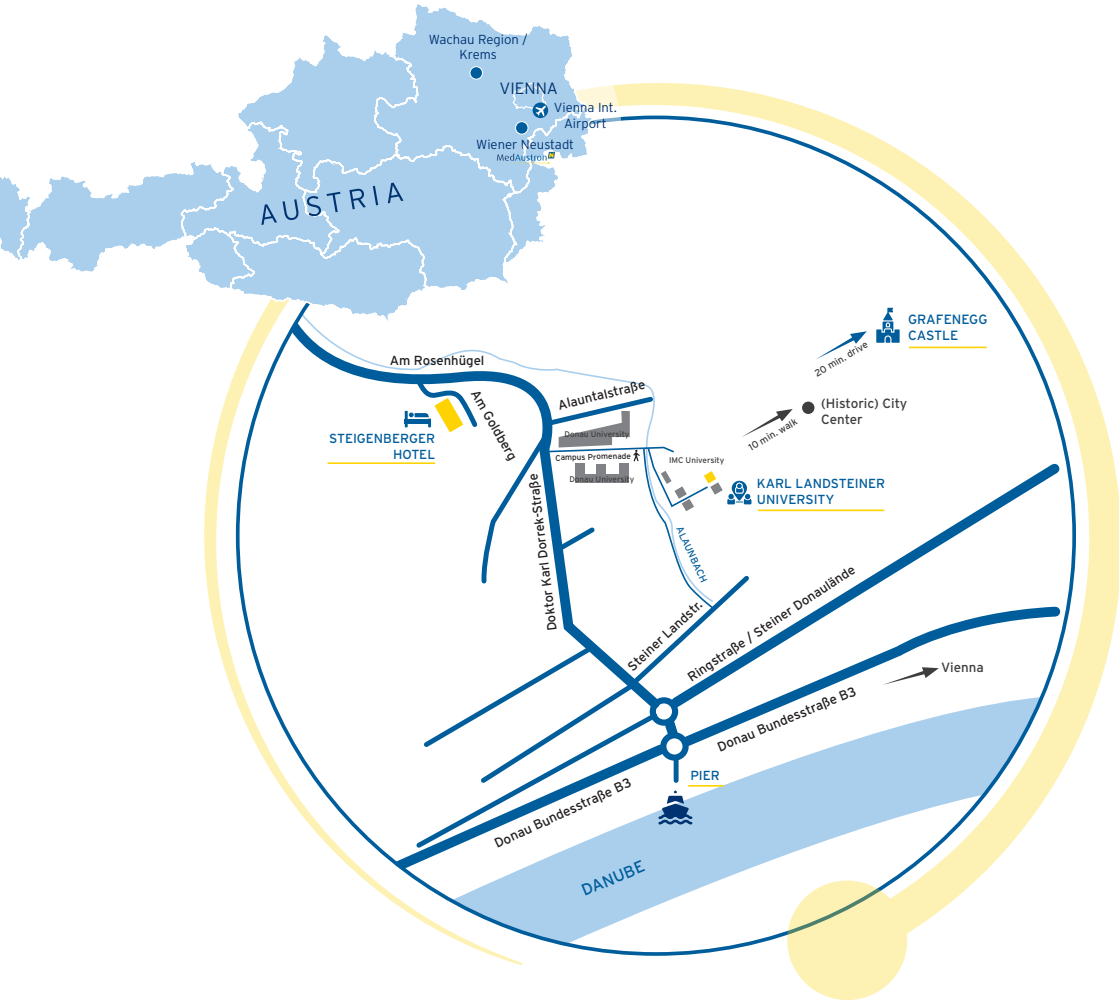
- Apollo Proton Cancer Centre, India
- Kanagawa Cancer Center, Japan
- Yamagata University Hospital, Japan
- QST Hospital, Japan
- Tel Aviv Medical Center, Israel
- Hefei Ion Medical Center, China
- Imam Hossein Hospital, Iran



EUROPE

- Heidelberg Ion Beam Therapy Center, Germany
- German Cancer Research Center (DKFZ)
- GSI Helmholtz Center, Germany
- Universitätsklinikum Essen, Germany
- Julius-Maximilians-Universität Würzburg, Germany
- Siemens Healthineers AG, Germany
- Maastricht University Medical Center, The Netherlands
- Ion Beam Applications SA, Belgium
- The Christie Hospital, UK
- The National Center for Oncological Hadrontherapy (CNAO), Italy
- APSS Trento/Trento Proton Therapy Center, Italy
- François Baclesse Comprehensive Cancer Center, France
- Oslo University Clinic, Norway
- Clinica Universidad de Navarra, Spain
- Slovak University of Technology, Slovakia
- Uppsala University Hospital, Sweden
- RaySearch Laboratories AB, Sweden
- International Atomic Energy Agency, Austria
- Medical University of Vienna, Austria
- Krems University Clinic, Austria
- Karl Landsteiner University of Health Sciences, Austria
- Klinik Donaustadt, Vienna, Austria
- Klinik Favoriten, Vienna, Austria
- NÖ Landesgesundheitsagentur, Austria
- medPhoton GmbH, Austria
- ACMIT GmbH, Austria





LOCATIONS

MEETING VENUE

Karl Landsteiner University of
Health Sciences
Building UD / Lecture Hall UD.0.05
Dr.-Karl-Dorrek-Straße 30, 3500 Krems

HOTEL

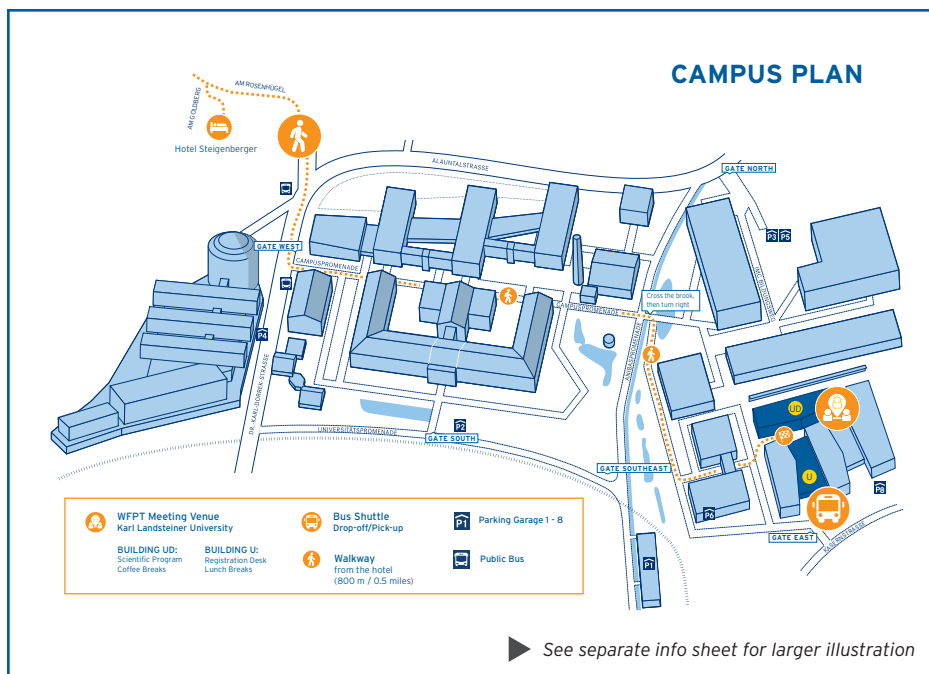
Steigenberger
Hotel & Spa Krems
Am Goldberg 2, 3500 Krems

DINNER CRUISE

Donaustation Nr. 24
Welterbeplatz 1, 3500 Krems

RECEPTION & CONCERT

Grafenegg Castle
Grafenegg 10, 3485 Grafenegg



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