

ÖAW

Austrian  
Academy of  
Sciences



MARIETTA BLAU  
INSTITUTE FOR  
PARTICLE PHYSICS

psas 2026

# PSAS2026 Welcome

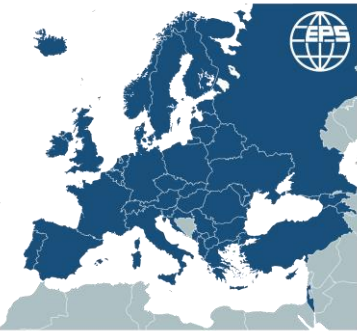



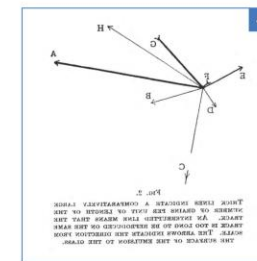
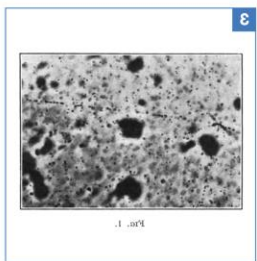
Eberhard Widmann, Savely Karshenboim  
Vienna, 18.5.2026

# Marietta Blau Institute for Particle Physics



*Institute for Radium Research* → *Stefan Meyer Institute for subatomic Physics* → *Marietta Blau Institute for Particle Physics*  
 1910 2004 2025

**Historic Site**  
**EUROPEAN PHYSICAL SOCIETY (EPS)**  
**INSTITUTE FOR RADIUM RESEARCH**  
 In 1910, in this building, the "Institute for Radium Research" of the Imperial Academy of Sciences was established and inaugurated as the first of its kind worldwide. Under Stefan Meyer, the new institute dedicated extensive research into the physical properties of the radioactive element radium.  
 The major contributions of Victor Franz Hess, the discoverer of cosmic radiation, George de Hevesy and Friedrich Paneth, inventors of the use of isotopic tracers in the study of chemical processes, as well as those of Marietta Blau, pioneer in nuclear-emulsion detectors, and of Karl Przibram, leader in radiation-induced luminescence and colour change of glass and minerals, were achieved here.  
**HISTORISCHE STÄRTE**  
**EUROPEISCHE PHYSIKALISCHE GESELLSCHAFT (EPS)**  
**INSTITUT FÜR RADIIUMFORSCHUNG**  
 Im Jahre 1910 wurde dieses Gebäude als „Institut für Radiumforschung“ der Kaiserlichen Akademie der Wissenschaften errichtet und als weltweit erste Forschungseinrichtung ihrer Art eröffnet. Unter Stefan Meyer wurden an dem neuen Institut die physikalischen Eigenschaften des Elements Radium umfassend erforscht.  
 Hier vollbrachten Victor Franz Hess, Entdecker der kosmischen Strahlung, George de Hevesy und Friedrich Paneth, Erfinder der Methode der radioaktiven Tracer, sowie Marietta Blau, Pionierin der Aufzeichnung von Teilchenspuren mittels fotografischer Emulsionen, und Karl Przibram, Wegbereiter für strahleninduzierte Lumineszenz und Verfärbung von Glas und Mineralien, ihre bahnbrechenden Arbeiten.  
 Wien -  
 28. Mai 2015

18.5.2026 2

## *Institute of High Energy Physics* 1966



# MBI – emerging from HEPHY & SMI

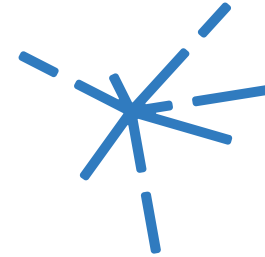
## Institute of High Energy Physics

- CMS
- Belle-II
- Rare Event Searches
- MagLev
- Gravitational Waves
- Machine Learning
- Detector Development
- Theory



## Stefan Meyer Institute for Subatomic Physics

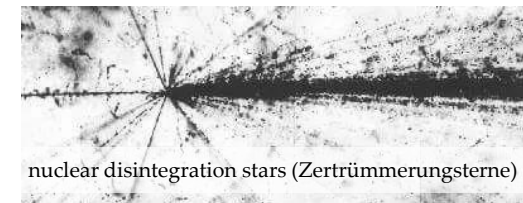
- ALICE
- Exotic Atoms
- Antimatter



MARIETTA BLAU  
INSTITUTE FOR  
PARTICLE PHYSICS



- Located in Postsparkasse, 5 min from Academy headquarters
- Austria's largest non-university research institute focusing on experimental and theoretical particle physics
- <https://www.oeaw.ac.at/mbi>
- Total staff of ~120 persons



nuclear disintegration stars (Zertrümmerungsterne)

Source: <https://www.furche.at/chancen/pionierinnen-der-forschung-schau-schau-eine-frau-12416891>  
<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.facebook.com%2FPhysicsToday%2Fposts%2Fits-the-birthday-of-marietta-blau-who-was-born-in-1894-in-vienna-blau-studied-ph%2F10155541107900164%2F&psig=AOvVaw1tVXijfmZaTWJfipfbN-kk&ust=1758700267268000&source=images&cd=vfe&opi=89978449&ved=2ahUKewiQleyWw-6PAxUT7AIHHSbHW4QjR6BAGAEBo>

- 13<sup>th</sup> version of the conference
  - >120 participants registered
  - 47 posters
  - *PSAS2018, FFK2023 organised in Vienna*
- Program
  - Mo – We in Festsaal
  - Thu, Fri in Theatersaal (Sonnenfelsgasse 2<sup>nd</sup> floor)
- Poster sessions
  - Mo, Tu 17:40 – 20:20, Aula (1st floor)
  - With refreshments
  - Poster prize award Thu 9:00
- Conference Photo
  - Tu 15:40 before afternoon coffee break
- Photos will be taken during poster sessions.

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00	Welcome	Session 5	Session 9	Poster Award	Session 17
	Session 1			Session 13	
10:30	Break	Break	Break	Break	Break
11:00	Session 2	Session 6	Session 10	Session 14	Session 18
12:30	Lunch Break	Lunch Break	Lunch Break	Lunch Break	
14:00	Session 3	Session 7	Session 11	Session 15	
15:40	Break	Conference Photo Break	Break	Break	
16:10	Session 4	Session 8	Session 12	Session 16	
17:40	Poster Session 1	Poster Session 2			
20:30	Festsaal			Theatersaal	

# PSAS2026 Organisation

- Program
  - On indico, talks should be uploaded
  - <https://indico.global/e/psas2026>
- Conference desk & cloak
  - Mo – We main building
  - Thu, Fri Sonnenfelsgasse 1<sup>st</sup> floor
- Coffee breaks
  - Mo – We Aula (ground floor)
  - Thu, Fri Sonnenfelsgasse ground floor
- Lunch
  - List of restaurants and cafes on indico
- Questions → conference desk

