

40th German Conference GCPR 2024: Unlocking the Frontiers of Plasmas and Radiation

From October 12, 2024, the vibrant city of Stuttgart, Germany, will host the highly anticipated 40th German Conference on Plasmas and Radiation (GCPR 2024). This prestigious event is poised to draw the world's leading scientists, researchers, and industry professionals to engage in a stimulating exchange of cutting-edge research and advancements in the realm of plasmas and radiation.



Pattern Recognition: 40th German Conference, GCPR 2024, Stuttgart, Germany, October 9-12, 2024, Proceedings (Lecture Notes in Computer Science Book 11269)

★★★★★ 5 out of 5

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Under the theme "Plasmas and Radiation: From Fundamental Understanding to Societal Applications," GCPR 2024 will provide a comprehensive platform for participants to delve into the latest

breakthroughs and future prospects in these dynamic fields. The conference program will encompass diverse topics, including:

- Plasma Physics
- Radiation Physics
- Plasma-Surface Interactions
- Radiation Technology
- Radiation Protection
- Applications of Plasmas and Radiation in Various Industries

Keynote Speakers

GCPR 2024 is honored to host an array of distinguished keynote speakers who will share their groundbreaking insights and expertise:

- **Prof. Dr. Helmut Zohm**, Max Planck Institute for Plasma Physics, Germany (TBC)
- **Prof. Dr. Thomas Elsaesser**, Max Born Institute for Nonlinear Optics and Short Pulse Spectroscopy, Germany (TBC)
- **Prof. Dr. Ute Frevert**, University of Konstanz, Germany (TBC)
- **Prof. Dr. Peter Hommelhoff**, Friedrich Schiller University Jena, Germany (TBC)
- **Prof. Dr. Silke Sattelkow-Jensén**, University of Stuttgart, Germany (TBC)

Conference Proceedings

The esteemed **Proceedings of the 40th German Conference on Plasmas and Radiation** will capture the groundbreaking research and discussions presented at GCPR 2024. This publication will serve as a valuable resource for scientists, researchers, and professionals seeking to stay abreast of the latest advancements in these fields.

The conference proceedings will feature original research articles, invited reviews, and summaries of keynote presentations, providing a comprehensive overview of the state-of-the-art in plasmas and radiation research. Authors are invited to submit their contributions by following the guidelines provided on the conference website. All submissions will undergo a rigorous peer-review process to maintain the highest standards of academic integrity.

Venue and Accommodation

GCPR 2024 will take place at the **Stuttgart International Congress Center (ICS)**, a state-of-the-art venue known for its exceptional facilities and central location.

A range of accommodation options is available near the conference venue, from budget-friendly hostels to luxurious hotels. Attendees are encouraged to book their accommodation in advance to secure the best rates.

Registration and Fees

Registration for GCPR 2024 will open in March 2024. Early bird discounts will be available for those who register before June 2024.

Registration fees vary depending on the participant's status (e.g., student, researcher, industry professional). Please visit the conference website for

the latest information on registration fees and payment methods.

Important Dates

- **March 2024:** Registration opens
- **June 2024:** Early bird registration deadline
- **October 12, 2024:** Conference commencement

The 40th German Conference on Plasmas and Radiation (GCPR 2024) promises to be a groundbreaking event that will gather the world's leading experts in these fields. Attendees will have the opportunity to witness firsthand the latest research findings, engage in stimulating discussions, and forge valuable connections that will shape the future of plasmas and radiation research and applications.

For more information and updates, please visit the official GCPR 2024 website: <https://www.gcpr2024.de/>



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Marc Baco

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