

# 1<sup>st</sup> INTERNATIONAL GLAUCOMA SYMPOSIUM

## Artificial Intelligence Assisted Glaucoma Diagnosis & Management

February 1<sup>st</sup>, 2025 | 09:00–16:00 CEST

Department of Ophthalmology ■ Mainz University Medical Center

Auditorium | Building 102 ■ Langenbeckstrasse 1 ■ 55131 Mainz | Germany



| Time  | Program  | Speaker  |
|-------|--|--|
| 08:30 | <b>Registration</b>  |  |
| 09:20 | Welcome Note   | Norbert Pfeiffer   Esther Hoffmann   |
| 09:30 | Introduction into Artificial Intelligence  | Sheraz Ahmed   |
| 09:50 | Discussion   | Stephan Schulz   Sheraz Ahmed   Katarzyna Bozek   Norbert Pfeiffer   Esther Hoffmann |
| 10:00 | AI Opportunities and Challenges in Ophthalmology   | Leopold Schmetterer  |
| 10:20 | Discussion   | Stephan Schulz   Sheraz Ahmed   Katarzyna Bozek   Norbert Pfeiffer   Esther Hoffmann |
| 10:30 |  <b>Coffee Break</b>                              |  |
| 11:00 | AI in other medical fields: What can we learn?   | Katarzyna Bozek  |
| 11:20 | Discussion   | Stephan Schulz   Sheraz Ahmed   Katarzyna Bozek   Norbert Pfeiffer   Esther Hoffmann |
| 11:30 | Deep learning: Predicting the risk of Glaucoma Progression   | Ingeborg Stalmans  |
| 11:50 | Glaucoma and AI: The World of Tomorrow, Today  | Felipe Medeiros  |
| 12:10 | AI for Glaucoma: State of the ART and Future I   | Luis Abegao Pinto  |
| 12:30 |  <b>Lunch   Exhibition &amp; Meet the Experts</b> |  |
| 14:00 | AI for Glaucoma: State of the ART and Future II  | Marta Pazos  |
| 14:40 | Which glaucoma imaging modality suits AI   | Christian Mardin   |
| 15:00 | Which AI models and why?   | Julia Schottenhamml  |
| 15:20 | AI Implementation: More Than Meets the Eye   | Benjamin Xu (online)   |
| 15:40 | Discussion   | All  |
| 15:50 | Closing Remarks  | Norbert Pfeiffer   Esther Hoffmann   |
| 16:00 | <b>End</b>   |  |