

## AI in Ophthalmology & Oculomics: From Theory to Practice Intermediate

9-10 June 2025

Lugano (Switzerland)


ESASO Scientific director: Mario Romano  
Course Scientific coordinators: Vito Romano, Yalin Zheng, Uazman Alam

9 June 2025

**Focus:** Exploring the role of AI in ophthalmology, from clinical applications to research and administrative workflows, with a hands-on workshop for practical understanding.

**Target Audience:** Ophthalmologists, AI Enthusiasts in Healthcare, Medical Researchers, Data Scientists

**Moderators of the course:** Vito Romano, Matteo Airaldi

08:45–09:00	Registration and welcoming	
09:00–09:05	Introduction	Vito Romano, Matteo Airaldi
09:05 -09:30	Understanding AI and Its Role in Ophthalmology ( <i>Discuss the</i>	Edoardo Midena
09:30 -10:00	Building a Database for AI in Ophthalmology	Yalin Zheng
10:00 -10:30	Critically reading a manuscript using artificial intelligence	Yalin Zheng
10:30–11:00	Coffee Break	
11:00–11:30	Can AI help in my administrative & clinical workflows ?	Virtual  Robert Chang
11:30–12:15	Successful Practical Applications of AI in Ophthalmology	Siegfried Wagner
12:15–12:30	How streamline my research work using AI	Mengyu Wang
12:30 – 13:00	Q&A	Uazman Alam, Edoardo Midena, Siegfried Wagner,

## INSTITUTIONAL COURSE

		Mengyu Wang, Yalin Zheng Vito Romano Matteo Airaldi
13:00 – 14:00	Lunch Break	
14:00 – 15:00	Insights into Systemic Disease through Retinal Imaging-Based Oculomics	Siegfried Wagner
15:00 – 15:30	Coffee Break	
15:30 – 16:30	AI in Diagnosing Systemic Disease	Uazman Alam
16:30 – 17:00	Q&A	Uazman Alam, Edoardo Midena, Siegfried Wagner, Mengyu Wang, Yalin Zheng, Vito Romano, Matteo Airaldi

## 10 June 2025

09:00–09:05	Introduction	Vito Romano Matteo Airaldi
09:05–10:30	Participant exercise on AI	Uazman Alam, Edoardo Midena, Siegfried Wagner, Mengyu Wang, Yalin Zheng, Vito Romano, Matteo Airaldi

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## INSTITUTIONAL COURSE

10:30–11:00	Coffee Break	
11:00–13:00	Participant Abstract Evaluation	Uazman Alam, Edoardo Midena, Siegfried Wagner, Mengyu Wang, Yalin Zheng, Vito Romano, Matteo Airaldi
13:00 – 14:00	Lunch	
14:00–15:45	Participant article revision	Uazman Alam, Edoardo Midena, Siegfried Wagner, Mengyu Wang, Yalin Zheng, Vito Romano, Matteo Airaldi
15:45 – 16:00	Q&A and Closing remarks	Vito Romano, Matteo Airaldi
16:00 – 16:15	Farewell	Vito Romano, Matteo Airaldi

An application will be made to EACCME® for CME accreditation of this event.

**ETC – ESASO Training Center in Lugano, via Agli Orti 20, Viganello - Lugano**

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