## Artificial Intelligence, Digital Health, and the Eye

08:15 - 08:45 08:45 - 09:00	Registration Welcome: Educational Goals of the Conference	Adnan Tufail
Session 1: Under 09:00 - 09:15 09:15 - 09:27 09:27 - 09:40 09:40 - 10:05	<b>rstanding AI for the Clinician</b> AI for Clinicians Applications of AI to Image Analysis. AI and Structure Function Models. Foundation Models – What are they and are they better?	Roy Schwartz Phillippe Valmaggia Yue Wu
10:05 - 10:30	Foundation Models for the Clinician Large Language Models Panel Discussion (Sánchez, Wu, Valmaggia, Keane) Chief Moderator: Adnan Tufail Moderators: Adnan Tufail, Michelle Khan	Pease Keane Yue Wu
10:30 - 11:00	Tea Break	
Session 2: Expanding Applications of AI and Clinical Ophthalmology Applications		
11:00 – 11:10	Corneal/Anterior Segment disorders.	Sajjad Ahmed
11:10 - 11:20	How AI Can Impact Cataract and Refractive Surgery.	Julian Stevens
11:20 - 11:30	VR Surgery. Can Al Help Surgical Specialties?	Lyndon Da Cruz
11:30 - 11:40	Glaucoma	David Crabb Giovanni
		Montesano
11:40 – 11:50	Al in Adnexal Surgery – Disease of the Orbit	David Verity Jimmy Uddin
11:50 – 12:30	Panel Discussion (Sánchez, Wu, Valmaggia) Chief Moderator: Michelle Khan Moderators: Adnan Tufail, Michelle Khan	
12:30 - 13:30	Lunch with the Experts	
13:30 - 13:40	Overview of the St John of Jerusalem Eye Hospital Group.	David Verity
13:40 - 13:50	St John Ophthalmic Association and Its Humanitarian Work.	Michelle Khan
Session 3: Ethic	s and Standards	
13:50 - 13:55	Introduction of Keynote Speaker	Michelle Khan
13:55 - 14:25	Keynote – Similarities and differences between digital and biological computation	Geoffrey Hinton
14:25 – 14:35	Panel Discussion (Sánchez, Wu, Fajtl) Moderators: Adnan Tufail, Michelle Kha	an
14:35 - 14:40	Presentation to Professor Geoffrey Hinton by Michael and Amira Dan	
14:40 - 14:50	Trustworthy Al	Clarisa Sánchez
14:50 – 15:00	Regulating AI: Overview of CE Mark, FDA, and Health Canada Standards	Alastair Denniston
15:00 - 15:10	Generating Evidence for AI Mass Clinical Deployment: How Good is Good Enough?	Catherine Egan
15:10 - 15:20	Panel Discussion (Sánchez, Rudnicka, Liu) Chief Moderator: Adnan Tufail	
	Moderators: Adnan Tufail, Michelle Khan	
15:20 - 15:50	Tea Break	
<b>Session 4: AI, Digital Health, and Telemedicine: Novel Applications and Accessibility for All</b> 15:50 – 16:00 AI Solutions for Global Eye Health: Equity and Access. Covadonga Bascarán		
16:00 - 16:10	The Role of Al in Accelerating Clinical Trials.	Ulrich Luhmann
16:10 - 16:20	Eyeface Network: Linking Professionals from War-Torn and Catastrophe Zones.	David Verity
16:20 - 16:30	Novel Applications of AI to Promote Visual Rehabilitation.	Saqib Shaikh
16:30 - 16:50	Panel Discussion (Fanego, Maloca, Shaikh)	
	Chief Moderator: David Verity	
	Moderators: Adnan Tufail, David Verity	

16:50 – 17:00 Closing Remarks

Allan Slomovic