Program for MICCAI DeCaF 2024 workshop

(10 October 2024, in conjunction with MICCAI 2024)

13:30-15:30 PST DeCaF Session 1

13:30-13:40 PST :: **Introduction to the DeCaF workshop**

13:40-14:15 PST :: **KEYNOTE 1 Daniel Truhn (**Q-&-A)

14:15-14:50 PST :: **KEYNOTE 2 Laurent Condat (**Q-&-A)

14:50-15:30 PST :: **DeCaF Presentations** (4 x 10 mins)

14:50-15:00 PST :: *Oral1: Complex-valued Federated Learning with Differential Privacy and MRU Applications*
-- Annelise Riess, Alexander Ziller, Stephan Kolek, Daniel Rueckert, Julia Schnabel, and Georgios Kaiss

15:00-15:10 PST :: *Oral2: Enhancing Privacy in Federated Learning: Secure Aggregation for Real-World Healthcare Applications*
-- Riccardo Taiello, Sergen Cansiz, Marc Vesin, Francesco Cremonesi, Lucia Innocenti, Melek Önen, and Marco Lorenzi

15:10-15:20 PST :: *Oral3: Federated Impression for Learning with Distributed Heterogeneous Data*
-- Atrin Arya, Sana Ayromlou, Armin Saadat, Purang Abolmaesumi, and Xiaoxiao Li

15:20-15:30 PST :: *Oral4: A Federated Learning-Friendly Approach for Parameter-Efficient Fine-Tuning of SAM in 3D Segmentation*
-- Mothilal Asokan, Joseph Geo Benjamin, Mohammad Yaqub, and Karthik Nandakumar

15:30-16:10 PST Poster Session and coffee break

16:10-17:35 PST DeCaF Session 2

16:10-16:30 PST :: **DeCaF Presentations** (2 x 10 mins)

16:10-16:20 PST :: *Oral5: Probing the Efficacy of Federated Learning Parameter-Efficient Fine-Tuning of Vision Transformers for Medical Image Classification*
-- Naif Alkhunaizi, Faris Almalik, Rouqaiah Al-Refai, Muzammal Naseer, and Kerthik Nandakumar

16:20-16:30 PST :: *Oral6: FedGS: Federated Gradient Scaling for Heterogeneous Medical Segmentation*
-- Philip Schutte, Valentina Corbetta, Regina Beets-Tan, and Wilson Silva

16:30-17:30 PST :: **FeTS**

17:30-17:35 PST :: **Concluding remarks**