CIVIS Seminar: Opacity and Artificial intelligence

Château de Dorigny

February 1st-2nd

Web connection: https://chuv.webex.com/meet/brenda.bogaert

1st February : 9h30-17h00

- **Morning session: opacity in healthcare, effects on patients and other healthcare actors**

9:30-10:00 : Welcome and organisation of the workshop (Ralf Jox and Brenda Bogaert)

10:00-10:45: Presentation + discussion by **Béatrice Schaad**, Université de Lausanne (presentation by videoconference)

Title: *"The patient faced with the opacity of the system"*

10:45-11h30: Presentation + discussion by **Sandrine de Montgolfier**, Research chair on health democracy & involvement of people affected by cancer, Université Aix-Marseille

Title: : *"Genomic integration in care : how to manage the opacity of genomic data management"*

11h30-12h15: Presentation + discussion by **Julia Tinland**, Research chair on health democracy & involvement of people affected by cancer, Université Aix-Marseille

Title: *"Opacity in diagnostic criteria for early detection in oncology"*

12:15-13:30: Lunch at the cafétéria de la Banane

- **Afternoon session: opacity in artificial intelligence**

13:30-14:15: **Florian Funer**, University of Tubingen

Title: *"The void of (AI) opacity in shared decision-making: Why "reasoning" matters in the doctor-patient relationship."*

14:15-15:00: **Nikolaus Fortelny**, University of Salzburg (presentation by videoconference)

Title: *"Biases and robustness of interpretable deep learning on biological networks"*

15:00-15:15: Coffee Break

15:15-16:00:   **Sara Blanco**, University of Tubingen

Title: *"Context Matters: Exploring the Limits of Explainability in Medical AI"*

16:00-16:45: **Natalia Rodrigues Nunes da Silva**, University of Salzburg

Title: *"The Challenge of Learning Genotype-Phenotype Relationships in Mixed Ancestry Populations"*

19:00: Dinner at Brasserie Vaudois

2nd February: 09:30-12:30

Web connection: https://chuv.webex.com/meet/brenda.bogaert

- **Morning session: Research possibilities and coordination via CIVIS**

9:30: Welcome coffee

10:00-11:30: meeting with CIVIS to discuss BIP + other coordination, in particular Health Hub Call

11:30-13:00: collective discussion on publications and teaching opportunities on opacity in healthcare and in artificial intelligence

13:00: Lunch at the cafétéria de la Banane