Computational Analysis and Simulation of the Human Voice
Dagstuhl Seminar 24242

Preliminary programme

We are free to adapt this schedule in any evolving directions.

Sunday June 9th 2024

Arrive in your own time. There is a self-service dinner buffet during the evening.

Monday June 10th 2024

9:00 - 10:00 **Session 1**: **Opening Plenary**
- **Welcome** by organizing team, general overview of workshop and schedule
- *Who's who* **sprint** - introduction of participants (supported by your slides)

10:00 - 10:30 **Theme building**
  Think tank with post-its on a whiteboard, ping pong
  1) Hopes and expectations for the week
  2) Issues and open challenges

10:30 - 11:00 *Coffee break*

11:00 – 12:15 **Session 2**: *Inspirational Talk* **on Analysis:** Filipa Lã
~30 mins followed by ~20 mins in small groups and ~20 mins plenary round table discussion

12:15 - 13:00 *Lunch break*
13:00 - 14:00 *Free time*

14:00 - 15:30 **Session 3:** *Inspirational Talk* **on Visualisation:** Tino Weinkauf
~30 mins followed by ~20 mins in small groups and ~20 mins plenary round table discussion

15:30 - 16:00 *Coffee break*

16:00 - 17:30 **Session 4**: **Spontaneous subtopics**
Participants can suggest a topic to discuss about in smaller group
16:00 - 16:45 - small groups discussions
16:50 - 17:15 - plenary reports and discussion
17:15 - 17:30 - writing down what we learned today

18 :00   *Dinner, followed by informal meetings*

Tuesday June 11th 2024

9:00 - 10:30 **Session 1:** *Inspirational Talk* **on Simulation:** Sidney Fels
~30 mins followed by ~20 mins in small groups and ~20 mins plenary round table discussion

10:30 - 11:00   *Coffee break*

11:00 - 12:15   **Session 2**: **Topical workshops**
« What would you need to make a leap?»
in smaller groups: spontaneous individual contributions on topics raised on Monday;
and group discussions. Each group prepares a short summary for plenary dissemination.

12:15 - 13:00 *Lunch break*
13:00 - 14:00 *Free time*

14:00 - 15:30 **Session 3: Challenges**

1: *What do clinicians need?* Meike Brockmann-Bauser

2: *Simulation of phonation* Michael Döllinger

15:30 - 16:00 *Coffee break*

16:00 - 17:30 **Session 4**: **Plenary**
Review of topical workshops, general discussion and writing up

18 :00   Dinner, followed by a musical evening – Open Podium

Wednesday June 12nd 2024

9:00 - 10:30 **Session 1: Inspirational talk on Data Science and ML:** Pedro Gómez-Vilda
~30 mins followed by ~20 mins in small groups and ~20 mins plenary round table discussion

10:30 - 11:00   *Coffee break*

11:00 - 12:00 **Session 2**: **"My favourite failure"**
Voluntary accounts of things that should have worked, but did not, and why.

12:15 - 13:00 *Lunch break*
13:00 - 14:00 *Free time*

13:30 - 15:00 **Session 3:**
The Inversion Problem : Can it be approached using ML and simulations?
Duo with use cases: *Yves Laprie* (15 min) and *Peter Birkholz* (15 min)

Joint discussion. (50 mins)

Late afternoon and evening: optional excursion
22:00 return

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Thursday June 13rd 2024

9:00 - 10:30 **Session 1: Free papers**

Coffee break
11:00 - 12:00 **Session 2**: **"My dreams come true"**
Voluntary accounts of things that should have been improbable, but became reality.

12:15 - 13:00 *Lunch break*
13:00 - 14:00 *Free time*

14:00 – 15:30 **Session 3: Topical workshops / Free papers**

15:30 - 16:00 *Coffee break*

16:00 - 17:30 **Session 4**: **Plenary**
Review of topical workshops, general discussion and writing up

18:00   *Dinner*

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Friday June 14th 2024

9:00 - 9:45 **Session 1: Wrap up in breakout groups**

9:45 - 10:30 Plenary presentation of group summaries

Coffee break

11:00 - 12:00 **Session 2**: **Concluding Plenary**
Voluntary presentations of lookaheads and collaborations emerging from this week
Organizers' thanks to all, and remarks for the future

12:15 - 13:00   *Lunch*
from 13:00   *Departure*