2021-06-02 TC MLAI Meeting Notes

Agenda

- Welcoming comments from the chairs
- Introductions
- Meeting cadence
- Logo
- Near & long term goals, such as
    - Proposals for events for Fall Convention (workshops, tutorials)
    - Virtual mini-conference (such as this)
    - Standards

Attendees

Andy Sarroff,
Brecht De Man,
Gordon Wichern,
Steve Hutt,
Christian Uhle,
Gerald Schuller,
David Prince,
Renato Profeta,
Christian J Steinmetz,
Joseph Colonel,
Shahan Nercessian,

Minutes

- New TC members are added to the member list
- The meeting is recorded
- Attendees introduce themselves
    - Are there any boundaries for the scope of the TC (topic-wise)
- Meeting cadence - how often do we want to meet?
    - Regular meetings: depends on the activities
    - Optional: additional meetings when needed
- Please make proposals for logos!
- Proposals for workshops / tutorials:
    - Gerald: "Machine Learning for Audio Signal Processing in Python"

- - - ■ Type: tutorial
      - ■ Topics: Using VAE for compression and generating sounds
      - ■ Participants: Gerald, Renato
      - ■ Other potentially supporting TCs: Signal Proc, Coding
    - ○ Steve: What is AI and ML in Audio?
    - ○ Shahan: Which ML tech are already product-ready? What comes next?
      - ■ Type: workshop / panel discussion
    - ○ Andy / Jean Marc: perceptually related loss functions -> maybe for a virtual mini-conference
    - ○ Andy:
- ● Long-term activities:
  - ○ Gordon: organizing a challenge
  - ○ Andy:
    - ■ Reduce the barrier of entry for diverse groups who would be interested in ML/AI for audio
    - ■ Develop recommendations for best practices for data, code, & reproducibility
- ● David:
  - ○ One of the first short-term goals could be to engage more people in the TC MLAI
  - ○ Reach out to more people
- ● Brecht: we should think of workshops topics which are very broad and general such that many people are attract and find it interesting
- ● Sum up:
  - ○ All reach out to people who might be interested to become a member
  - ○ Deadline for submitting workshops/proposals is Juli 1
  - ○ Gerald submits the tutorial
  - ○ Next meeting: in 3 weeks - maybe 24.6. (12:00 EDT?)
- ● 3 new members