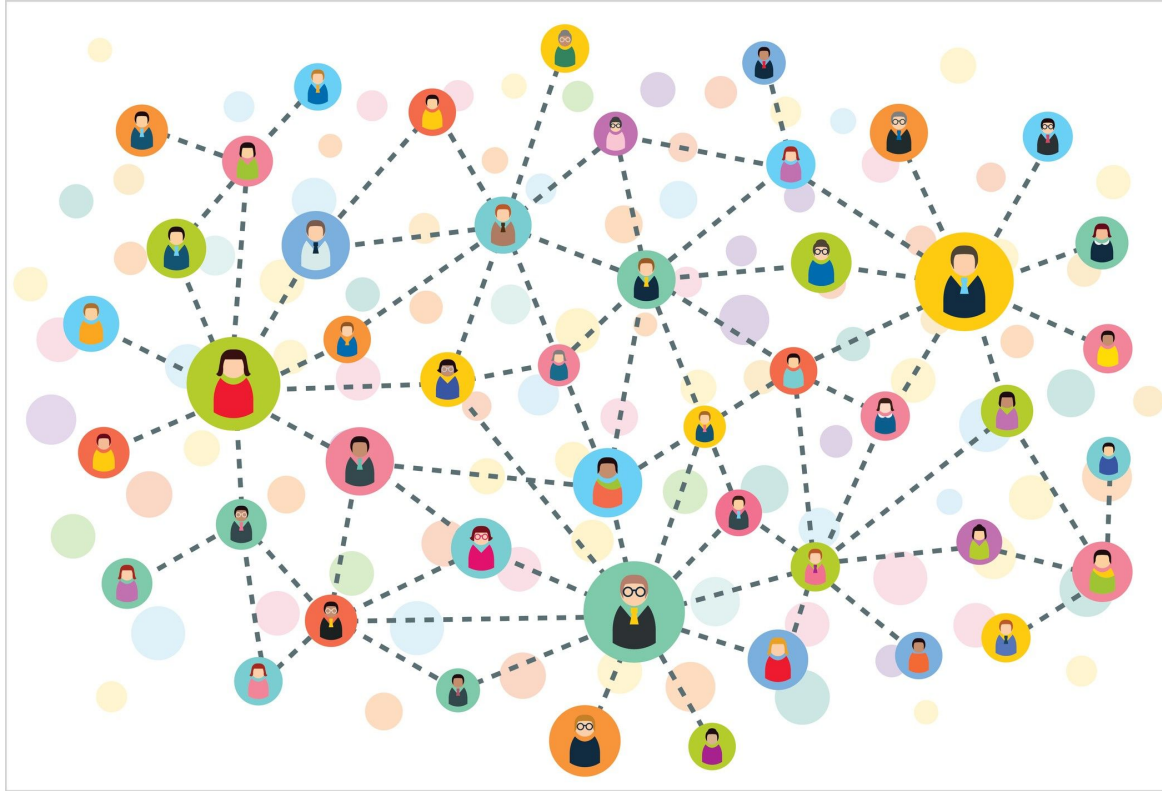


# OpenSource Research

A community-driven research project

Valerio Velardo





# Philosophy

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- Open-source software
- Open research
- Crowdsourcing

# Project goals

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- Develop an application, methodology, or algorithm that advances knowledge in AI music

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- Develop an application, methodology, or algorithm that advances knowledge in AI music
- Write up research in a paper

# Project goals

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- Develop an application, methodology, or algorithm that advances knowledge in AI music
- Write up research in a paper
- Submit paper to [\*The 2021 Conference on AI Music Creativity\*](#)

# Who can get involved?

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- Members of *The Sound of AI* community



# Join The Sound of AI community!

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[thesoundofai.slack.com](https://thesoundofai.slack.com)

# Who can get involved?

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- Members of *The Sound of AI* community
- No super powers needed
- Interest in AI music
- Follow through on commitments

# How can I contribute?

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- Brainstorming ideas (topic)
- Brainstorming technical / methodological solutions
- Reading and summarising papers related to the topic of interest
- Writing code
- Testing code
- Writing documentation
- Evaluating models by running *in-silico* experiments
- Designing / running user studies to evaluate models
- Searching for datasets online / building a dataset
- Cleaning / preprocessing data
- Managing the project
- Writing up research
- ...

# What do I get by participating?

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# What do I get by participating?

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LOL

# What do I get by participating? (Newbie)

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- Learn how to carry out research
- Learn how to write research papers
- Learn from more experienced researchers
- Network with other researchers and practitioners

# What do I get by participating? (Pro)

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- Improve project management skills
- Give back to the community
- Network with other researchers
- Experiment a new way of doing research



# What do I get by participating? (All)

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- Be part of a unique research experiment
- Work on a super cool research topic
- Be part of an amazing group of people
- Have an impact on the field of AI music

# How can I get involved?

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- Fill up [survey](#) (link in description box)
- Join *The Sound of AI* Slack
- Wait for email with instructions from Valerio

# Project roles

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- *Valerio* coordinates project
- *Lead researchers* manage parts of project
- *Contributors* steer project

# Project steps

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Topic selection

# Project steps

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Topic selection

Literature review

# Project steps

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Topic selection

Literature review

Solution design

# Project steps

---

Topic selection

Literature review

Solution design

Solution implementation

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---

Topic selection

Literature review

Solution design

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Evaluation



# Project steps

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Topic selection

Literature review

Solution design

Solution implementation

Evaluation

Write up

# Project steps

---

Topic selection

Literature review

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Solution implementation

Evaluation

Write up

Submission

# Project steps

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Topic selection

Literature review

Solution design

Solution implementation

Evaluation

Write up

Submission

Revisions

# Timeline

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- 5-6 months
- Meet *The 2021 Conference on AI Music Creativity* submission deadline
- Conference in July 2021

# Project tools

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## Communication



# Project tools

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## Communication



## Collaboration



# Project tools

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## Communication



## Collaboration



## Project management





# Where can I learn more?

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*OpenSource Research* webpage

Where do I go next?

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**FILL UP THE SURVEY  
TO JOIN  
*OpenSource Research***