



## Call for Third Wave AI Workshop

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As part of the EPSRC funded Human-Like Computing Network+ we are organising a workshop on Third Wave Artificial Intelligence on Friday 26<sup>th</sup> April 2019 from 09:30 – 17:00. Third wave AI is DARPA's term for its upcoming programme of research in areas which go beyond the limitations of first wave AI and second wave.

First Wave AI (1970s – 1990s) is defined as good at reasoning, but no ability to learn or generalize.

Second Wave AI (2000s to present) is defined as good at learning and perceiving, but minimal ability to reason or generalize.

Third Wave AI (est 2020s – 2030s) is envisaged as consisting of excellent at perceiving, learning and reasoning, and able to generalize with the following attributes:

- Contextual adaptation, able to explain decisions.
- Can converse in natural language.
- Requires far fewer data samples for training.
- Able to learn and function with minimal supervision.

The purpose of the EPSRC funded Human-Like Computing Network+ is to support the development of a UK-wide multi-disciplinary community of researchers within the EPSRC Priority area of Human-Like Computing (HLC). The main stakeholders in our project are: other researchers within both Artificial Intelligence and Cognitive Science both nationally and internationally.

Further information including the provisional programme is available from the workshop website:  
[http://hlc.doc.ic.ac.uk/3AI\\_HLC\\_2019.html](http://hlc.doc.ic.ac.uk/3AI_HLC_2019.html)



## Participation

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This workshop is meant as an opportunity to exchange ideas and present recent work on a very important and timely topic in AI, around which several of us at Imperial are working. We welcome presentations by experienced as well as early researchers - please forward this message to your PhD students and Postdocs - on consolidated or ongoing work.

We encourage two types of presentations: short-15 minutes and long-30 minutes. You can also participate without presenting.

Participation in the workshop is free, subject to availability.

- To attend and give a presentation, please submit via [EasyChair](#).
- For long presentations: a short description of consolidated (e.g. published) work - please include a link to a publication if applicable;
- For short presentations: a short description of ongoing work.
- To attend without presenting, please submit a short description of your research interests and previous (relevant) research, also via [EasyChair](#).
- The deadline for submissions is 5<sup>th</sup> April 2019. Notifications will be sent by 15<sup>th</sup> April 2019.
- Your submission on EasyChair will be taken as your intention to attend.

## Location

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Imperial College London, Department of Computing, Huxley Building, Lecture Theatre 308, 180 Queen's Gate, South Kensington, Imperial College London, SW7 2RH, UK.

Further travel details to Imperial College London can be found here:

<http://www.imperial.ac.uk/computing/about/getting-here/>

Light refreshments will be provided.

The workshop is free but places are limited, so registration is required.