SISSA Data Science offer 2020-21: Ethics in AI and ML course

15 November 2020

Roberto Trotta, Guido Sanguinetti & Sebastian Goldt

<table>
<thead>
<tr>
<th>#</th>
<th>Date</th>
<th>Lead/Guest</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>09/11/2020</td>
<td>Trotta (he)</td>
<td>Intro to topics; discussion on AlphaGo – the movie</td>
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<tr>
<td>2</td>
<td>23/11/2020</td>
<td>Sanguinetti (TBC) (he)</td>
<td>Discussion on: Machine Learning and Bias (Kate Crawford)</td>
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<td>3</td>
<td>11/01/2021</td>
<td>Broussard (3pm, TBC) (she)</td>
<td>Technochoauvinism</td>
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<td>4</td>
<td>25/01/2021</td>
<td>Prunkl (11am) (she)</td>
<td>Responsible AI development</td>
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<td>5</td>
<td>08/02/2021</td>
<td>Goldt (he)</td>
<td>Practical Data Ethics</td>
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<td>6</td>
<td>22/02/2021</td>
<td>Infantino &amp; Bussani (11am) (she, he)</td>
<td>Algorithmic Failures: A Comparative Law Approach</td>
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<td>7</td>
<td>08/03/2021</td>
<td>Teresa Scantamburlo (11am) (she)</td>
<td>AI and moral machines</td>
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<td>8</td>
<td>22/03/2021</td>
<td>Campbell (11am) (she)</td>
<td>The seduction of AI</td>
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<td>9</td>
<td>26/04/2021</td>
<td>Grandi (11am) (he)</td>
<td>The problem of moral values and AI</td>
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<td>10</td>
<td>10/05/2021</td>
<td>Lingel (TBC) (she)</td>
<td>Information inequality &amp; feminism</td>
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Guest speakers:

- Meredith Broussard (NYU, author of “Artificial Unintelligence”) – remote
- Carina Prunkl (Oxford, Institute for the Ethics of AI) – remote
- Aifric Campbell (author of “The Love Makers”, Imperial College London)
- Giovanni Grandi (UniTS; “Artificial intelligence. Anthropological analogies and ethical issues”)
- Teresa Scantamburlo (UniVE, moral machines)

Reading list:

Books
All books are available through the SISSA library.


Papers and reports

1) Association for Progressive Communication, Joint Civil Society Statement, July 2020.

Blogs and online

2) Crawford, Kate, Machine Learning and Bias, online (part of You and AI series, video)
4) Christie, Lacey-Jade, Instagram censored one of these photos but not the other. We must ask why, The Guardian, Oct 19th 2020.
5) Dwork, Cinthya, Making machines play fair, online (part of You and AI series, video)
6) Fossheim, Sarah L, “Thoughts on Genderify, gender discrimination, transphobia, and (un)ethical AI.”, blogpost.