Digital Communication Lab for Exchange between Research and Media

#4: Smart New Worlds: How AI, Robotics and Digitalisation Transform our Lives

5 – 6 November & 12 – 13 November 2021, Virtual Workshop

Artificial intelligence, robotics and new digital technologies are changing our lives. To which extent, benefit or at which cost is often hard to grasp for regulators, civil society and media. While transformative technologies hold great potential in medicine, industry, logistics and urban planning, hardly any other scientific field sparks so much speculation. From automated mobility to biorobots and intelligent implants: The relationship between humans and machines is full of promise, but is also marked by misunderstanding and ignorance.

Together, journalists and researchers can point out research trends and development trajectories of AI, robotics and digital innovations, assess designs and possible applications, and discuss their ethical implications. And this is not an easy task since the expectations of future technologies are high. They should have an innovative and effective impact on society and equally benefit the common good. The workshop will address future trends and the social dimensions of innovative technologies.
Programme
The times indicated refer to CET (Central European Time)

5 NOVEMBER

9:30   Welcome
        Stephanie Siewert, Alexander von Humboldt Foundation
        Martina Johns, International Journalists’ Programmes

9:45   Official Opening
        Vito Cecere, Federal Foreign Office Germany
        Judith Wellen, Alexander von Humboldt Foundation

10:15  Meet & Mingle / Practical Exercises

11:45  Goals and Expectations

12:00  Break

13:00  Opening Keynote
        Can We Trust Machines? The Social and Ethical Implications of AI
        Iyad Rahwan, Max Planck Institute for Human Development

        Profiling Human Behaviours: A Quick Journey from Robustness to Fairness in Machine Learning with Heterogeneous Sensors
        Flora Salim, RMIT University

14:30  Break

14:45  Intervention: How Smart is Your Life?
        Work, Education, Home, Transport, Communication

16:00  Communicating Complex Ideas – How to Find Your Story?
        Alok Jha, The Economist

16:30  Match-Making Tandems

17:00  Closing
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| 10:15 | Forum: Transformative Technologies and Public Well-Being | Social Robots as Social Agents  
Cristian Becker-Asano, Media University Stuttgart  
AI, Climate Change and Public Health  
Joacim Rocklöv, Umeå University  
Journalist Comment  
Hazel Sheffield, farneer.org |
| 11:30 | Break                         |                                                                                   |
| 11:45 | Forum: Connected Living / Smart Cities | Hybrid Workplaces of the Next Normal  
Elisa Rönkä, Digital Market Development, Siemens  
Urban Artificial Intelligence and the End of the City  
Federico Cugurullo, Trinity College Dublin  
Journalist Comment  
Albert Steinberger, Deutsche Welle |
| 13:00 | Break                         |                                                                                   |
| 14:00 | Discussion: Machine Ethics     | Kristian Kersting, TU Darmstadt                                                   |
| 14:30 | Brainstorming: Potentials and Challenges of Science-Media Tandems |                                                                                   |
| 15:00 | Tandem Work                   |                                                                                   |
| 16:30 | Closing                       |                                                                                   |
12 NOVEMBER

9:30  Warm-Up

9:45  Expert Corner on Infographics and Visual Storytelling
      Anika Nicolaas Ponder, IKEM

10:00 Pool of Methods

10:30 Food for Thought: Science Communication – A Survey of Formats
      Rebecca Winkels, Wissenschaft im Dialog

11:15 Break

11:30 Expert Corner on Digital Formats
      Jens Radü, Multimedia, Der Spiegel

12:30 Lunch Break

13:30 Regional Reports

14:00 Discussion: Facts or Fiction? The Importance of High-Quality Science Reporting
      Annegret Burkert, Science Media Center Germany

14:45 Break

15:00 Tandem Work and Individual Mentoring

16:30 Closing
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**Moderator:** Anika Nicolaas Ponder, Institute for Climate Protection, Energy and Mobility (IKEM)