

ACM Europe Technology Policy Committee

FY 2021 Annual Report

Chris Hankin, Chair (July 1, 2020 - June 30, 2021)

Status of the Committee

Members (14 + ex officio):

- Chris Hankin (Chair), Paola Inverardi (Vice Chair), Oliver Grau (Past Chair), Fabrizio Gagliardi, Manuel Hermenegildo, Bran Knowles (Chair, Climate Change WG), Alejandro Saucedo (Chair, AI WG), Gerhard Schimpf (Chair, Autonomous Systems WG), Tom Crick, Wendy Hall, Andrew McGettrick, Enrico Nardelli, Gurkan Solmaz, Julie Williamson
- Ex officio: Gabriele Kotsis (ACM President), Panagiota Fatourou (ACM Europe Council Chair), Lorraine Kisselburgh (TPC Chair), Michel Beaudouin-Lafon (Vice Chair TPC), Jim Hendler (Chair USTPC), Vicki Hanson (ACM CEO), Pat Ryan (ACM COO), Adam Eisgrau (ACM Director of Global Policy)

Hankin, Inverardi, Grau, Gagliardi and Hermenegildo form the ACM Europe TPC Executive, which met virtually about once per month in FY 2021. The full Committee met virtually about once every four months. Post-COVID we intend to revert to two physical meetings of the full committee, which will be co-located with future ACM Europe Council meetings.

Work of the committee

The Committee worked on four areas that were initially agreed upon by the Europe TPC in 2019: (1) of Smart Cities (security & privacy) ; (2) Information Technology in the light of climate change; (3) Artificial Intelligence; and (4) Autonomous Systems. We have a standing Working Group for each area chaired by the Committee members identified above (Hankin chairs the Smart Cities WG). We have prepared two draft Tech Briefs as outputs from WG1 and WG2 and WG4 is developing a white paper on autonomous driving. In addition to these activities, per below we have been very active in responding to EU consultations. Through a series of articles in ACM MemberNet, this year we have recruited 10 new members to Working Groups of the Europe TPC.

The strategic planning and work of the Committee was assisted from March 2021 until June 2021 by a part-time policy consultant hired as a pilot project to help promote our policy outputs and maintain a network of contacts with key policy makers. This experiment was considered highly successful and, with the assistance of ACM Development Fund backing, is planned to continue for the entirety of FY 2022.

Dissemination of statements and white papers

The Committee publicly commented on the following matters and proceedings:

- [Statement on the Development and Deployment of Digital Green Certificates](#) (April 19, 2021)
- [Comments to European Commission in Digital Services Act Consultation](#) (March 31, 2021)
- [Comments on the UK National Data Strategy](#), ACM Europe Technology Policy Committee (December 2, 2020)

At the request of the European Parliament, the Committee also produced a white paper on [Gender Bias in Automated Decision Making Systems](#) (December 10, 2020).

Liaisons with other initiatives

The Committee closely collaborates with 'Informatics for All' ("I4All"), many of whose leaders also are active members of Europe TPC;

The Committee continues to subscribe to the Science|Business network and Committee members have attended a number of their virtual policy events. Vice Chair Inverardi spoke at their annual conference and the Chair participated in a panel discussion on AI and Liability (both in February 2021).

Through our policy consultant, we also have made contact with the EU Parliament Science and Technology Options Assessment (STOA) Committee and virtually attended a number of their sessions.

Plans

We have had a busy year and plan to continue this momentum. As noted above, the ACM Development Fund have approved a budget to allow us to continue in FY 2022 to employ the part-time consultant contracted with for a portion of this fiscal year. In the longer term, we may seek to convert this into a part-time policy professional .

The Tech Briefs on Climate Change and Smart Cities will be finalized and published in FY 2022. The Committee also expects to finalise a white paper on autonomous vehicles and associated issues.

Diversity, Equity, and Inclusion

We have recently met with the Chair and Vice Chair of ACM Women in Europe (ACM-WE) with the aim of supporting their policy work and also increasing the involvement of women in the Europe TPC. The members of the Europe TPC Committee are from the UK, Germany, Italy, Spain, and Switzerland with one of the ex officio members from France. It is the Chair's hope and intention in FY 2022 to recruit additional members from Scandinavia and Central Europe to one or more of the Committee's Working Groups.

FY 2021 MEMBERS ACM EUROPE TECHNOLOGY POLICY COMMITTEE

<u>VOTING</u>	
<p>Chris Hankin, Chair c.hankin@imperial.ac.uk</p>	<p>Andrew McGettrick andrew.mcgettrick@strath.ac.uk</p>
<p>Paola Inverardi, Vice Chair paola.inverardi@univaq.it</p>	<p>Enrico Nardelli nardelli@mat.uniroma2.it</p>
<p>Oliver Grau, Immediate Past Chair oliver.grau@intel.com</p>	<p>Gurkan Solmaz gurkan.solmaz@neclab.eu</p>
<p>Fabrizio Gagliardi, Former Chair fgagliar@bsccns.onmicrosoft.com</p>	<p>Julie Williamson julie.williamson@glasgow.ac.uk</p>
<p>Working Group Chairs</p>	<p><u>EX OFFICIO</u></p>
<p>Chris Hankin, Smart Cities</p>	<p>Michel Beaudouin-Lafon ACM Technology Policy Council Vice Chair mbl@lri.fr</p>
<p>Bran Knowles, Climate Change b.h.knowles1@lancaster.ac.uk</p>	<p>Panagiota Fatourou ACM Europe Council Chair faturu@ics.forth.gr</p>
<p>Alejandro Saucedo, Autonomous Systems axsauze@gmail.com</p>	<p>James Hendler ACM US Technology Policy Committee Chair hendler@cs.rpi.edu</p>
<p>Gerhard Schimpf, Autonomous Systems gerhard.schimpf@googlemail.com</p>	<p>Lorraine Kisselburgh ACM Technology Policy Council Chair lorraine@purdue.edu</p>
<p>Executive Committee</p>	<p>ACM Staff</p>
<p>Fabrizio Gagliardi</p>	<p>Vicki Hanson Chief Executive Officer vicki.hanson@hq.acm.org</p>
<p>Oliver Grau</p>	<p>Patricia Ryan Chief Operating Officer pryan@hq.acm.org</p>
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<p>Manuel Hermenegildo manuel.hermenegildo@imdea.org</p>	
<p>Paola Inverardi</p>	
<p>Members-at-Large</p>	
<p>Tom Crick tomcrick@gmail.com</p>	
<p>Wendy Hall wh@ecs.soton.ac.uk</p>	