Call for Contributions

Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

Submission:
1. Inform the Chairs: with the Title of your Contribution
2. Submission URL:
Please select Track Preference as **EthicAI**

Special track

EthicAI: Social and Ethical Implications of Artificial Intelligence and its Applications

Chairs and Coordinators

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along with

During the 20th century, technological development has an increasing impact on our lives, with major contributions for the population's life quality. But, it was also in that century, with the use of technology in the Great Wars and the first signs of exhaustion of the planet, that some scientists began to question the hegemonic belief that human progress would depend almost exclusively on science and technology and that both will always offer rational, desirable and pre-established solutions to human problems. While the dominant technological usefulness contributes to the majority of the population to continue to adopt new technology or apps without any critical reflection on its impact on daily life and in the world in which they live, these questions gain more eco and relevance.

The impacts of technology always depend on goals and objectives for which they are used. For a better understanding of their impact, it is also essential to know the values, the goals and interests at the origin of its creation, the social and historical context in which they emerge and the great trends of the societies in which we live. Human societies have always been marked by social inequalities; the same is happening with contemporary industrial and capitalist societies, whose production system aims primarily at profit. Are there the new "digital artifacts" created to respond to pressing human needs, or do some of them become needs by powerful marketing and search agencies?

In Sec. XXI technological development has had an even more intensive and extensive impact on our lives, with the focus on areas that can not only change the way we live but the human condition itself. We refer to the

development in the field of biotechnology, nanotechnology, neurotechnology and artificial intelligence (AI), among others, although the focus of our attention is on AI. This development path has further intensified the debate on the ethical issues of technological development, its social implications and the precautionary principle.

In each application to be developed, how can we benefit from the developments of Artificial Intelligence privileging autonomy, freedom, privacy, democracy, the non-increase of social inequality and discrimination? When the human condition itself is challenged, shouldn't we subject technological developments to systematic evaluation and public participation?

Potential topics include, but are not limited to:
- AI & Applications
- AI & social and ethical implications
- AI & Security
- AI & Privacy
- AI & Democracy
- AI and Employment
- AI, Autonomy & Human rights
- AI & Conscience
- Neurotechnology
- Explainable AI
- AI and Technological Assessment
- Future of AI: Risks and opportunities

Important Datelines
Inform the Chair (see Contacts below): as soon as you decide to contribute
Submission: August 24
Notification: September 13
Registration: September 23
Camera-ready: September 23

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SOTICS+2020+Special

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Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

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