

2016年8月にニューヨークで開催される、人間とロボットのコミュニケーションに関する国際会議 International Symposium on Robot and Human Interactive Communication (RO-MAN) の論文募集のお知らせです。次の RO-MAN は 25 周年になります。

皆様のご参加をお待ちしております。

学会のウェブサイトはこちら：

<http://ro-man2016.org/>

フルペーパー(4~6 ページ)の投稿の期限：2016年02月12日

詳細な情報を以下にも記載しております。

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IEEE RO-MAN 2016 Call For Papers, Workshops, and Tutorials

25th IEEE International Symposium on Human and Robot Interactive Communication (RO-MAN 2016)

<http://ro-man2016.org/>

Conference Date & Place: August 26-31, 2016, Columbia University, New York City, USA

Submission Deadlines:

Proposals for Special Sessions: January 25, 2016

Workshops & Tutorials: January 25, 2016

Full Papers: February 12, 2016

Interactive Session (Extended Abstracts): May 22, 2016

Demonstration Session: May 22, 2016

Video Session: May 22, 2016

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This year, the IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN) for 2016 will be held from August 26 – 31, 2016 at Columbia University, Teachers College in New York City! The conference will highlight productive working partnerships between humans and robots by convening the theme of Human-Robot Collaboration that includes robotic use in research and design, and the development of robots that interact collaboratively with humans, and support

human-human collaboration.

This coming year is the 25th anniversary of RO-MAN, and the organizing committee would like to take this opportunity to acknowledge the progress that has been made in the robots/robotics field, as well as examine how the area of robotics is evolving in the areas of robot designs; interfaces and interaction modalities; robot autonomy and teleoperation; robot expressiveness; interaction kinesics; social/emotional learning and skill acquisition by robots; and design of best practices when optimizing for human-robot interaction.

In addition, the conference will explore new, broader definitions of robots/robotics, such as, robotic devices that augment human performance (both physically and mentally), architecture/platforms for operating robots, robots in space, ubiquitous robots, crowdsourcing human-robot interaction based on interaction style, virtual robot apps and virtual humans for future robot applications in education, robots in healthcare services, exoskeleton bionic devices, role of data analytics and robots, and implementing sophisticated cognitive mental models in robots.

Full details of the conference and submission types are provided on <http://ro-man2016.org/submissions/>

#### Special Sessions (Submission Deadline: January 15, 2016)

Special sessions are specialized events to be held during the conference as a set of oral presentations that are highly specialized in some particular theme. The purpose of special sessions is to provide a focused discussion on innovative topics. Each special session is expected to have 4 oral presentations. Special sessions' papers will follow the same guidelines as regular papers.

Please visit website for more information regarding the themes, submission procedures, and evaluation criteria at <http://ro-man2016.org/submissions/special-sessions/>.

#### Workshops and Tutorials (Submission Deadline: January 15, 2016)

Tutorials should target established fields of research by individuals who are advanced researchers in that field. Workshops should focus on areas of active research, to provide an informal forum for participants to exchange developing research results and ideas. We encourage state of the art programs that have high levels of interest, impact, creativity and innovation to attract a broad audience. Workshops and tutorials that

focus on academia-industry partnerships and technology transfer of robotics research are also welcome. The primary criteria for selection are: anticipated level of interest, impact, novelty or creativity, and technical background of presenters.

Please visit website for more information regarding the themes, submission procedures, and evaluation criteria at <http://ro-man2016.org/submissions/tutorials-and-workshops/>.

#### Full Papers (Submission Deadline: February 12, 2016)

To facilitate quality interdisciplinary reviewing, authors will be required to select a topic area for their full paper submission. These topic areas (Empirical; Technical & Methodological; Design; Educational & Theoretical) represent different types of contributions to human-robot interaction and thus involve different emphasis for evaluating what constitutes a significant contribution to the field. See below. Full papers are four to six camera-ready pages, (with an option to extend to eight pages with an additional fee).

Please visit website for more information regarding the themes, submission procedures, and evaluation criteria at <http://ro-man2016.org/submissions/papers/>.

#### Interactive Session Submission-Extended Abstracts (Deadline: May 22, 2016)

The interactive session provides a great opportunity for authors to present their early-stage research, late breaking results, prototypes, and prototype products to conference attendees. We encourage submissions also from authors of paper submissions. We will provide a poster showcase area where you will be able share your research and engage with attendees. Our goal is to provide a highly interactive forum for lively discussions and informative feedback from peers.

Please visit website for more information regarding the themes, submission procedures, and evaluation criteria at

<http://ro-man2016.org/submissions/interactive-session-extended-abstracts/>.

#### Video Submission (Submission Deadline: May 22, 2016)

Video submissions should be self-explanatory, and we encourage videos that are innovative, informative, and engaging. Authors of successfully peer-reviewed videos will be given time to briefly describe their video to the conference attendees, and videos will be displayed in designated areas at specific times during the conference. We plan to incorporate the videos into focused discussions throughout the conference. Videos will also be uploaded online so that attendees can post feedback to the authors. For more information, updates will be posted on

<http://ro-man2016.org/submissions/video-submissions/>.

#### Demonstration Submission (Submission Deadline: May 22, 2016)

The demonstration submission provides an opportunity for authors to display and demonstrate their innovative products and prototypes. We invite proposals showcasing relevant prototype systems that address the conference's topics in a thought-provoking and engaging way. Demonstrations will occur throughout the conference, providing demonstrators with the opportunity to speak in the setting that best suits their topic. Please submit a two-page description of the demonstration.

For more information, updates will be posted on

<http://ro-man2016.org/submissions/demonstration-submissions/>.

#### Important Dates/Deadlines

- 25 January, 2016: Submission for Special Sessions, Workshops & Tutorials
- 29 January, 2016: Notification of Acceptance for Special Sessions, Workshops & Tutorials
- 12 February, 2016: Submission for Full Papers
- 18 April, 2016: Notification of Full Paper Acceptance
- 22 May, 2016: Submission for Interactive Session (Extended Abstracts), Demonstration Session, and Video Session
- 27 May, 2016: Notification of Acceptance for Interactive Session (Extended Abstracts), Demonstration Session, and Video Session
- 27 May, 2016: Final Camera-Ready Full Papers Due
- 26-31 August, 2016: Main Conference

General Chair: Sandra Y. Okita (Columbia University)

Co-General Chair: Takanori Shibata (AIST, Japan)

PC Chair: Bilge Mutlu (Univ. of Wisconsin-Madison, USA)