



international conference on social robotics, www.icsoro.org
29th - 31st October 2012, Chengdu, China

3rd Robot Design Competition

www.icsoro.org/competition

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1. Design Brief : "Wellness"

The International Conference on Social Robotics brings researchers and practitioners together to report and discuss the latest progress in the field of social robotics. The conferences focuses on the interaction between humans and robots and the integration of robots into our society. The inaugural conference was held in Incheon, Korea (2009), and after the very successful ICSR2010 in Singapore, & ICSR2011 in The Netherlands, we are proud to invite you to the enchanting city of Chengdu, China.

The theme of the 2012 conference is "Wellness." This theme gives focus on the potential and capabilities of social robots to assist humans achieve better physical, mental and emotional health and wellness. The conference aims to foster discussion on the development of computational models, robotic embodiments, and behavior that enable social robots to have an impact on the human partner's health and well-being.

Adjacent to ICSR2012, a Robot Design Competition is organized.

We invite you to submit to this competition!

Submissions are invited from design professionals, students (all levels), and scientists, not only from Industrial Design departments. In this 3rd Robot Design Competition, we invite you to create a social robot for the year 2020, an age where intelligent social robots built with consilience will grey the boundaries of human & machine interaction. In light of the theme "Wellness" of ICSR2012, the competition will focus on social robots of year 2020 that will impact the human partner's health and well-being; through natural, affluent, and purposeful interactions assisting humans achieve better physical, mental and emotional health and wellness.

The submissions can be conceptual or work-in-progress prototypes, but must contribute to "social" robots (not limited to healthcare, service, entertainment, home, transport, sports and education). Competition entries will be evaluated during the conference by an international panel of experts in robot design. Your entry should address innovative ideas that demonstrates (not limited to) creative use of technologies, intelligence, interactivity, adaptability as an overall concept application(s) that will impact/improve human emotional & physical well-being; which governs by laws of robotics(Isaac Asimov);

2. Awards & Acknowledgements

The jury will select 3 winning entries that will receive cash prize awards:

First Prize: USD 300
Second Prize: USD 200
Third Prize: USD 100

All cash prize awards are paid gross/before income tax.

* A poster exhibition of the shortlisted entries will be exhibited at ICSR2012, Chengdu, China.

3. General

- 3.1. This competition is organised and administered by the International Conference on Social Robotics 2012 (ICSR2012)
- 3.2. The ICSR2012 Robotic Design Competition will be known as the "ICSR2012 RDC" from herein.
- 3.3. The ICSR2012 reserves the right, in its sole discretion, to cancel or suspend the ICSR2012 RDC should causes beyond its control corrupt the administration, security or proper participation in the ICSR2012 RDC.
- 3.4. The ICSR2012 assumes no responsibility for technical or natural conditions that prevent the reception and judging of ICSR2012 RDC submissions.
- 3.5. The ICSR2012 reserves the right to amend these terms and conditions at any time without notice.

4. Competition Rules

- 4.1. This competition is open to any student or professionals (regardless from any industry) in the world
- 4.2. Registration is free and applicants must accept the competition conditions.
- 4.3. By registering you accept the conditions and regulations of the ICSR2012 Robotic Design Competition as stated in this document.
- 4.4. Please observe in particular the conditions applicable as stated in section 8 to 12.

5. The Jury & Design Criteria

- 5.1. The jury is composed of experts and industry leaders:
- 5.2. Judging will be based on originality, quality of content and impact of message.
- 5.3. The jury will award designs and concepts which best meet the judging criteria mentioned in the brief.
- 5.4. Submissions should be the applicant's own creation, shall not currently be in production and shall not previously have been published or exhibited.

6. Registration

- 6.1. Registration is required & is open now. Please fill in the online form: <https://cmt.research.microsoft.com/ICSR2012/Default.aspx>
- 6.2. The competition will accept Registration with not more than 5 persons per entry.

7. Deadline

- 7.1. Applicant submission will be accepted via an online submission: <https://cmt.research.microsoft.com/ICSR2012/Default.aspx>
- 7.2. When submitting your entry you will verify that you have accepted conditions as stated in this document.
 - **Submission Deadline: 1 October, 2012**
 - **Winner announcement: 31 October, 2012**Winners will be announced at ICSR2012 Chengdu, China Results will be available Online on, 1 November 2012.

8. Number of Submissions

- 8.1. Each applicant may submit only one entry.

9. Submission Content

- 9.1. One passport size photo (JPEG, 35 x 45 mm, 300 dpi) of the applicant
- 9.2. One A2 document not more than 3 pages (PDF only, maximum file size 6MB) with images (minimum 150 dpi) and explanation in English of your concept including:
 - 9.2.1. Project title (will appear on all publicity materials)
 - 9.2.2. Concept development (elaborate with illustration the inspiration and development behind the concept);
 - 9.2.3. Innovation (brief description & illustration of the innovative aspects that supports your work);
 - 9.2.4. In situ / environment (brief description & illustration of the concept operating/interacting with human in the intended environment)
- 9.3. Submission references
 - ICSR2011 Robotic Design Competition

- 9.4. Photographs of prototype (if any), up to 4 jpeg images (total maximum file size 4 Mb) and indicate general dimensions (LxBxH) of prototype.

ICSR2012 encourages applicants whom already have prototypes of their concept to exhibit them at the Conference. Applicants will bear any charges in doing so. Exhibiting at the conference will not contribute to the final judging results. ICSR2012 assumes no liability to damages during transport or at the Exhibition.

10. Intellectual Property Rights

- 10.1. The applicant represents and warrants that the work submitted is his/her own creation and that the work does not include nor infringe any third party intellectual property rights.
- 10.2. The applicant grants ICSR2012 a non-exclusive territorially unrestricted right to use the work free of charge for evaluation & publicity purposes.
- 10.3. The applicant acknowledges that the ICSR2012 conference proceeding could touch upon the same or identical concept submitted as part of the work, and this will not infringe the applicant's intellectual property rights.
- 10.4. The applicant shall cooperate fully with ICSR2012 in connection therewith, upon becoming aware thereof, notify ICSR2012 of any and all possible or alleged third party infringements on ICSR2012 exclusive right in and to the work as well as any and all third party claims in relation to the works.
- 10.5. ICSR2012 shall not be obliged to use, publish or otherwise communicate the work to the public.

11. No Reimbursement or Employment

- 11.1. Applicants are not entitled to any compensation or reimbursement for any costs.
- 11.2. The applicant's participation shall not constitute offer of employment or assignment, or participation to the conference.

12. Non-Disclosure

- 12.1. The applicant hereby undertakes to keep secret and not to disclose to any third party, and not to otherwise use, the work submitted under these Call for Entries and Competition Conditions.
- 12.2. In the event that the applicant has disclosed any such confidential ideas to third parties before submitting the competition entry, the applicant undertakes to inform ICSR2012 immediately of the nature and extent of any such disclosure.

13. Applicant's Personal Data & Publicity Authorization

- 13.1. ICSR2012 will use the personal data you submit in connection with the competition for the purpose of administering the competition and evaluating the work. Any questions with regard to the use/correction of your personal data, please contact sec.icsr@gmail.com
- 13.2. By taking part in the competition, the shortlisted entries authorize ICSR2012 to use their surname, first name, affiliation, photo and concept for any publicity purposes.

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