



PROPOSERS' DAY

26-27 September 2012 - Warsaw



European
Commission

FET – Future and Emerging Technologies

Objective ICT-2013.2.1.c * Symbiotic interaction

Despite progress in the field of human computer interaction, state-of-the-art ICT systems are still far from being able to master the intricacies of human interaction.

The objective of this call is to develop a deeper and more comprehensive understanding of human behaviour during their interaction with ICT in order to go beyond conventional human computer interaction to foster the development of symbiotic relations between humans and computers. Work in this area is not restricted to robotics.

Target outcome c* Symbiotic human-machine interaction

- Foundational research on symbiotic relations between humans and machines will aim at the design of new interactive technologies based on new theories and models of human cognition and emotion, non-rational decision making, social behaviour and spatial and temporal perception and processing
- RTD will also investigate the influence of such technologies on human behaviour and methods to promote positive co-evolution and co-adaptation of symbiotic systems

Expected Impact

In particular*:

- development of innovative concepts and prototypes of co-evolving technologies based on new theories and models and deeper understanding of human behaviour.

Call: FP7-ICT-2013-10

Funding scheme: IP, STREP, Indicative budget : EUR 10-15 million

(in total EUR 67 million, of which minimum 52M€ for target a) and b) and minimum 10M€ for target c). A minimum of 40% of the objective budget to IPs and 25% to STREPs)

Deadline: 15 January 2013, at 17:00.00, Brussels, local time

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Existing related projects:

http://cordis.europa.eu/fp7/ict/fet-proactive/hcco_en.html

*This special FET initiative is implemented within Challenge 2 of the ICT workprogramme. For further information, i.e. on target a (Intelligent robotics systems) and b (Cognitive systems and smart spaces), please refer to the work programme or contact CNECT-CHALLENGE-2-1@ec.europa.eu