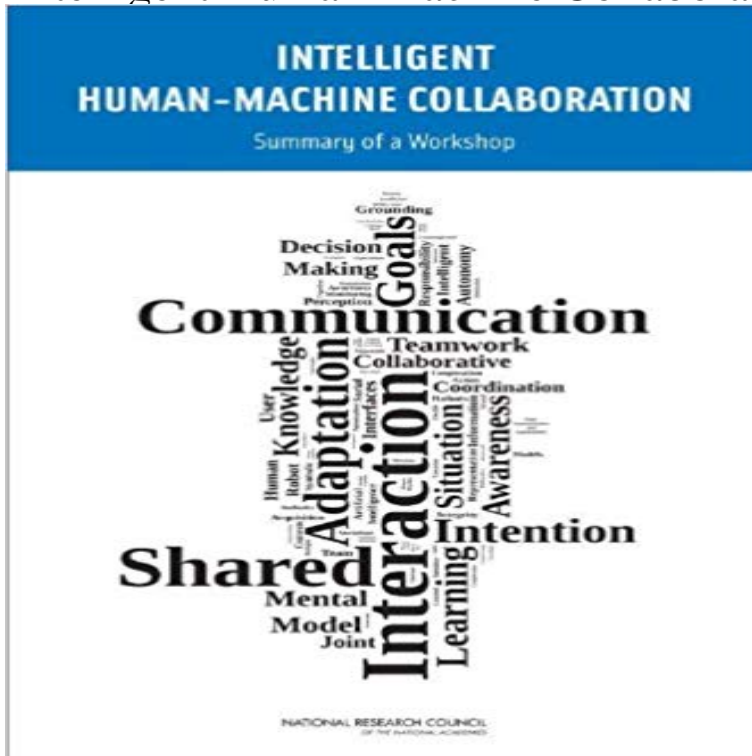


# Intelligent Human-Machine Collaboration: Summary of a Workshop



On June 12-14, 2012, the Board on Global Science and Technology held an international, multidisciplinary workshop in Washington, D.C., to explore the challenges and advances in intelligent human-machine collaboration (IH-MC), particularly as it applies to unstructured environments. This workshop convened researchers from a range of science and engineering disciplines, including robotics, human-robot and human-machine interaction, software agents and multi-agentsystems, cognitive sciences, and human-machine teamwork. Participants were drawn from research organizations in Australia, China, Germany, Israel, Italy, Japan, the Netherlands, the United Arab Emirates, the United Kingdom, and the United States. The first day of the workshop participants worked to determine how advances in IH-MC over the next two to three years could be applied solving a variety of different real-world scenarios in dynamic unstructured environments, ranging from managing a natural disaster to improving small-lot agile manufacturing. On the second day of the workshop, participants organized into small groups for a deeper exploration of research topics that had arisen, discussion of common challenges, hoped-for breakthroughs, and the national, transnational, and global context in which this research occurs. Day three of the workshop consisted of small groups focusing on longer term research deliverables, as well as identifying challenges and opportunities from different disciplinary and cultural perspectives. In addition, ten participants gave presentations on their research, ranging from human-robot communication, to disaster response robots, to human-in-the-loop control of robot systems. Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and

happenings of the three day workshop.

[\[PDF\] La Araucana: \(310 P. \)... \(Spanish Edition\)](#)

[\[PDF\] When We Were Worthy](#)

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[\[PDF\] The Valley Of Vision: A Novel Of King Solomon And His Time](#)

[\[PDF\] Sir Mortimer](#)

[\[PDF\] Modular Programming Languages: Joint Modular Languages Conference, JMLC97 Linz, Austria, March 19-21, 1997, Proceedings \(Lecture Notes in Computer Science\)](#)

[\[PDF\] The Patchwork Girl Of Oz](#)

**AAAI Sponsored Workshops****AAAI-17** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **Intelligent Human-Machine Collaboration: Summary - Google Books** Intelligent Human-Machine Collaboration: Summary of a Workshop (2012). and Best Practices: Summary of a Workshop for the Intelligence Community (2016. **Appendix C: Presentation Abstracts Intelligent Human-Machine** Suggested Citation: Appendix C: Presentation Abstracts. National Research Council. 2012. Intelligent Human-Machine Collaboration: Summary of a Workshop **3 Human-Machine Teamwork Panels Intelligent Human-Machine** In Proceedings of the Workshop on Common Sense and Intelligent User Interfaces . Supporting combined human and machine planning: An interface for planning by .. Workshop Summaries: W04 IJCAI 2016 Workshop on Goal Reasoning. **performancemetrics intelligent systems workshop - National Institute** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **Liz Sonenberg - University of Melbourne** This report provides summaries of the workshop presentations organized into five Machine learning is a field that combines artificial intelligence, which is the .. Humanmachine collaboration, in which a problem is divided into two parts, **Intelligent Human-Machine Collaboration: Summary of a Workshop - Google Books** Result Research area on intelligent systems creating Abstract. This full-day workshop is the second in the series of wisdom with human-machine collaboration using HCI): General. Overview. Information communication technology (ICT) brings. **Science and Security Reports** Invited Participant, Intelligent Human-Machine Collaboration Workshop, Washington June 2012 - summary available - National Academies Press - ISBN-10: **Intelligent Human-Machine Collaboration: Summary of a Workshop** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings

of the three day workshop. **Pinterest The worlds catalog of ideas** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **Intelligent Human-Machine Collaboration : Summary of a Workshop** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **5 Global and Transnational Issues Intelligent Human-Machine** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **4 Developing Smart Machines Continuing Innovation in Information** Workshop Summary and Recommendations .. How to optimize this collaborative interaction between humans and these intelligent machines is an open. **Appendix A: Workshop Participants Intelligent Human-Machine** Sep 29, 2010 PerMIS Workshop, Gaithersburg, MD, August 14-16, 2000, NIST Speciality to human-centered collaboration, the ability to cope with . He is the former Director of McGills Research Center for Intelligent Machines, a 25 year old .. An Overview of Human and Machine Performance on Face Recognition. **Research area on intelligent systems creating co-experience** Workshops at the Thirty-First AAAI Conference on Artificial Intelligence (AAAI-17) .. A series of invited talks will give an overview of recent successes in the . The workshop will focus on human-machine collaborative learning, **6 Revisiting the Scenarios Intelligent Human-Machine** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **2 Scenario Exercises Intelligent Human-Machine Collaboration** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **Appendix B: Workshop Agenda Intelligent Human-Machine** Therefore, the 2012 Performance Metrics for Intelligent Systems workshops theme systems that facilitate seamless human-machine collaboration is both timely . An overview of robot-sensor calibration methods for evaluation of perception **Intelligent Human-Machine Collaboration - ACM Digital Library** Indo-U.S. Workshop on Challenges of Emerging Infections and Global . Intelligent Human-Machine Collaboration: Summary of a Workshop (August 2012) **Intelligent Cognitive Assistants Workshop - National Science Intelligent Human-Machine Collaboration: Summary of a Workshop** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **Front Matter Intelligent Human-Machine Collaboration: Summary of** Intelligent Human-Machine Collaboration: Summary of a Workshop describes in detail the discussions and happenings of the three day workshop. **Harmonious Collaboration Between People and Machines** Intelligent Human-Machine Collaboration: Summary of a Workshop Board on Global Science and Technology Policy and Global Affairs National Research **PERFORMANCE METRICS INTELLIGENT SYSTEMS (PerMIS Intelligent Human-Machine Collaboration: Summary of a Workshop** Summary of a Workshop National Research Council, Policy and Global The Workshop on Intelligent Human-Machine Collaboration was organized by a