

SELMA ŠABANOVIĆ

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 School of Informatics and Computing
 Indiana University
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Research Interests My work focuses on human-robot interaction, cross-cultural studies of science and technology, and the critical social study of robotics design, implementation, and use. I use research in human-robot interaction (HRI) to study human social behavior and cognition and to understand how non-expert users interpret and use robots in everyday contexts, including the home and caregiving institutions. I also do cross-cultural research, mostly in the US and Japan, to explore how robotic technologies are designed and perceived in different cultural contexts and to study cultural differences in social practice and cognition. Finally, I critically analyze the social meanings and consequences of designing and using emerging robotics technologies in contemporary society. I draw on qualitative and quantitative methodologies including ethnography, behavioral analysis, lab experiments, and surveys to understand how people perceive, make sense of, and interact with social and assistive robots. My long-term aim is to contribute to the design of more socially robust robotic technologies while developing methodologies that enable collaboration and translation across the social and technical disciplines.

Education RENSSELAER POLYTECHNIC INSTITUTE December 2007
 Troy NY, USA

Ph.D. in Science and Technology Studies
 Thesis Title: "Imagine All the Robots: Developing a Critical Practice of Cultural and Disciplinary Traversals in Social Robotics"
 Thesis Advisor: Linnda R. Caporael

BOĞAZIÇI UNIVERSITY December 2000
 Istanbul, Turkey

M.A. in Political Science and International Relations
 Thesis Title: "A Divisive History: Serb, Croat and Bosniak Nationalism in Post-War Bosnia and Herzegovina Textbooks"
 Thesis Advisor: Yeşim Arat

BOĞAZIÇI UNIVERSITY June 1998
 Istanbul, Turkey

B.A. in Political Science and International Relations (High Honors)

Research Positions INDIANA UNIVERSITY Fall 2009–current
 SCHOOL OF INFORMATICS AND COMPUTING
 Assistant Professor

INDIANA UNIVERSITY Fall 2009–current
 COGNITIVE SCIENCE PROGRAM
 Adjunct Professor

INDIANA UNIVERSITY Spring 2012 – current
 ROB KLING CENTER
 Fellow

BIELEFELD UNIVERSITY June 2014 – July 2014
 COGNITIVE INTERACTION TECHNOLOGY - CENTER OF EXCELLENCE
 Visiting Professor

RENSSELAER POLYTECHNIC INSTITUTE
COMPUTER SCIENCE DEPARTMENT
Graduate Research Assistant
Fall 2007

ROBOTICS INSTITUTE
CARNEGIE MELLON UNIVERSITY
Visiting Researcher
June-December 2005

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND
TECHNOLOGY (AIST), TSUKUBA, JAPAN
Visiting Researcher
March-June 2005

RENSSELAER POLYTECHNIC INSTITUTE
DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES
Graduate Research Assistant
2002–2004

BOĞAZIÇI UNIVERSITY, ISTANBUL, TURKEY
POLITICAL SCIENCE AND INTERNATIONAL RELATIONS
Research Assistant
May-August 1998

Teaching Positions

INDIANA UNIVERSITY
ASSISTANT PROFESSOR IN SCHOOL OF INFORMATICS AND COMPUTING
I202/H202: Introduction to Social Informatics (Spring 2011, Fall 2011, Spring 2013, Spring 2014)
I303: Organizational Informatics (Fall 2009)
I400/I590/H400/H590/I440/H440/I540: Human-Robot Interaction (Spring 2010, Spring 2011, Fall 2012, Fall 2013, Fall 2014)
I502: Human-Centered Research Methods in Informatics (Spring 2015)
I609: Advanced Seminar in Social Informatics: Cultural Perspectives on Science and Technology (Fall 2013)
2009–current

STANFORD UNIVERSITY
LECTURER IN PROGRAM FOR SCIENCE, TECHNOLOGY, AND SOCIETY
STS 153: Living with Social Technologies (Fall 2008)
STS 155: Society in the Age of Robots (Spring 2009),
STS 200: Senior Paper Seminar (Fall 2008, Spring 2009).
2008–2009

RENSSELAER POLYTECHNIC INSTITUTE
ADJUNCT FACULTY IN DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES
STS 4140: Inequality in America (Spring 2008).
2008

RENSSELAER POLYTECHNIC INSTITUTE
TEACHING ASSISTANT IN DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES
IHSS 1970: Design, History and Society (Fall 2004)
ITEC 1220: Politics and Economics of Information Technology (Spring 2004).
2004

Grants & Fellowships

NATIONAL SCIENCE FOUNDATION, INNOVATIVE TECHNOLOGY EXPERIENCES FOR TEACHERS
AND STUDENTS (ITEST)
PI: Selma Šabanović, “Collaborative Research: ITEST-Strategies: Human-Centered Robotics Ex-
periences for Exploring Engineering, Computer Science, and Society”, \$371,163 (Personal share
is \$182,086).
Sep 2014-Sept 2017

INDIANA UNIVERSITY SOCIAL SCIENCE RESEARCH CENTER (SSRC)
PI: Selma Šabanović, “Study of the successful and unsuccessful adoption of a socially assistive
robot in four Veterans Affairs eldercare institutions”, \$3,600
May 2015–June 2016

INDIANA UNIVERSITY CONSORTIUM ON REAL EXPERIENCES WITH PUBLIC HEALTH INFORMATION TECHNOLOGIES (CORE PHIT) Feb 2014-Feb 2016
 PI: Selma Šabanović, "Participatory Design of Assistive Robotic Technologies for Sustaining Independent Living in Older Adults with Chronic Depression", \$5,500

INDIANA UNIVERSITY COLLABORATIVE RESEARCH GRANT (IUCRG) Mar 2013-Aug 2014
 PI: Selma Šabanović, "Social SLAM: Creating Dynamical Socio-Environmental Models for Mobile Robots", \$70,000

INDIANA UNIVERSITY SOCIAL SCIENCE RESEARCH CENTER (SSRC) Jan 2014-Aug 2015
 PI: Selma Šabanović, "Group Processes in Human-Robot Interaction", \$2,700

NSF EAGER AWARD, IIS 1143712 Aug 2011-Jul 2014
 PI: Selma Šabanović, "EAGER: Cultural Models in Social Robotics-Comparative Studies with Users in the US and Japan", \$49,957

IEEE ROBOTICS AND AUTOMATION SOCIETY Jan 2011-Dec 2015
 PI: Selma Šabanović, "Robotics Narratives and Networks: 50 Years of Robotics History," \$99,000

NATIONAL ENDOWMENT FOR THE HUMANITIES Jun 2012-Dec 2013
 Co-PI: Selma Šabanović, "Digital video navigation and archival content management tools for non-linear oral history narratives.," \$49,986 (Personal share is \$5,000 travel funding)

IU NEW PEDAGOGIES, NEW TECHNOLOGIES GRANT Sep 2010-Jun 2011
 Co-PI, \$19,000 (Personal share is \$1,500)

NSF DISSERTATION IMPROVEMENT GRANT SES-0522630 2005-2007
 "Dissertation Research: Imagining Robotics: Cultural and cognitive perspectives on the scientific practice of social robot design," \$12,000

Awards & Honors

SCHOOL OF INFORMATICS AND COMPUTING SERVICE AWARD 2015
 Indiana University

OUTSTANDING JUNIOR FACULTY AWARD 2014
 Indiana University (IU), \$15,000

INSPIRATIONAL TEACHER AWARD 2011
 IU Women in Computing (WIC), Graduate category

Refereed Journal Publications

THE EFFECTS OF CULTURE AND CONTEXT ON PERCEPTIONS OF ROBOTIC FACIAL EXPRESSIONS
 Bennett, C. C. Šabanović, S. *Journal of Interaction Studies: Social Behaviour and Communication in Biological and Artificial Systems* (Accepted).

DERIVING MINIMAL FEATURES FOR HUMAN-LIKE FACIAL EXPRESSIONS IN ROBOTIC FACES
 Bennett, C. C. Šabanović, S., *International Journal of Social Robotics*, 2014, vol.6, pp. 367-381.

INVENTING JAPAN'S "ROBOTICS CULTURE:" THE REPEATED ASSEMBLY OF SCIENCE, TECHNOLOGY, AND CULTURE IN SOCIAL ROBOTICS
 Šabanović, S., *Social Studies of Science*, June 2014, vol. 44, no. 3, pp. 342 - 367.

DESIGNING ROBOTS IN THE WILD: IN SITU PROTOTYPE EVALUATION FOR A BREAK MANAGEMENT ROBOT
 Šabanović, S., Reeder, S. M., Kechavarzi, B. *Journal of Human-Robot Interaction*, Special Issue on Design, March 2014, vol. 3, no.1, pp. 70-88.

CONCEPTUAL FOUNDATIONS FOR REPRESENTING ROBOTICS HISTORY IN A NON-LINEAR DIGITAL ARCHIVE
 Milejević, S., Šabanović, S. *Library Hi Tech*, 2013, vol. 31, no.2.

CONFERENCING MODELS TO BRIDGE MICRO AND MACRO STUDIES OF SCIENCE
 Francisco, M., Milojević, S., Šabanović, S., *The Journal of Artificial Societies and Social Simulation*, 2011, 14(4) 13. (URL: <http://jasss.soc.surrey.ac.uk/14/4/13.html>)

ROBOTS IN SOCIETY, SOCIETY IN ROBOTS: MUTUAL SHAPING OF SOCIETY AND TECHNOLOGY AS A FRAMEWORK FOR SOCIAL ROBOT DESIGN
 Šabanović, S., *International Journal of Social Robotics*, 2010, vol. 2, no. 4, pp. 439-450.

IT TAKES A VILLAGE TO CONSTRUCT A ROBOT: A SOCIALLY SITUATED PERSPECTIVE ON THE ETHICS OF ROBOT DESIGN
 Šabanović, S., *Journal of Interaction Studies: Social Behaviour and Communication in Biological and Artificial Systems*, 2010, vol. 1, no. 2, pp. 257-262.

CROSS-CULTURAL STUDIES ON SUBJECTIVE EVALUATION OF SEAL ROBOT
 Shibata, T., Wada, K., Ikeda, Y., Šabanović, S., *Advanced Robotics*, April 2009, vol. 23, no. 4, pp. 443-458.

SOCIALLY DISTRIBUTED PERCEPTION
 Michalowski, M. P., Šabanović, S., DiSalvo, C., Busquets, D., Hiatt, L. M., Melchior, N. A., Simmons, R., *Autonomous Robots*, May 2007, vol. 22, no. 4, pp. 385-397.

**Refereed
 Conference
 Publications**

THREE'S COMPANY, OR A CROWD?: THE EFFECTS OF ROBOT NUMBER AND BEHAVIOR ON HRI IN JAPAN AND THE USA.
 Fraune, M., Kawakami, S., Šabanović, S., de Silva, R., Okada, M., *Proceedings of RSS 2015*, Rome Italy, July 2015. (Accepted)

A ROBOT OF MY OWN: PARTICIPATORY DESIGN OF SOCIALLY ASSISTIVE ROBOTS FOR INDEPENDENTLY LIVING OLDER ADULTS DIAGNOSED WITH DEPRESSION.
 Šabanović, S., Chang, W.L., Bennett, C.C., Piatt, J. A., Hakken, D. *Proceedings of HCII 2015*, Los Angeles CA, August 2015. (Accepted)

ON THE EDGE OF THE MACHINE: HETEROMATION AND ROBOTICS.
 Ekbia, H., Nardi, B., Šabanović, S., *Proceedings of the iConference 2015*, Newport CA, February 2015.

INTERACTION EXPANDS FUNCTION: SOCIAL SHAPING OF THE THERAPEUTIC ROBOT PARO IN A NURSING HOME.
 Chang, W.L., Šabanović, S., *Proceedings of the 10th International Conference on Human-Robot Interaction (HRI'15)*, Portland OR, March 2015, pp. 343-350 (Acceptance rate: 25%).

RABBLE OF ROBOTS EFFECTS: NUMBER AND TYPE OF ROBOTS MODULATES ATTITUDES, EMOTIONS, AND STEREOTYPES.
 Fraune, M., Sherrin, S., Šabanović, S., Smith, E. *Proceedings of the 10th International Conference on Human-Robot Interaction (HRI'15)*, Portland OR, March 2015, pp. 109-116 (Nominated for Best Paper Award, Acceptance rate: 25%).

EXPLORING TAIWANESE NURSING HOMES AS PRODUCT ECOLOGIES FOR ASSISTIVE ROBOTS.
 Chang, W.L., Šabanović, S., *Proceedings of IEEE Workshop on Advanced Robotics and its Social Impacts (ARSO 2014)*, Evanston IL, September 2014, pp. 32-37.

DESIGNING A MINIMALIST SOCIALLY AWARE ROBOTIC AGENT FOR THE HOME.
 Francisco, M., Wood, I., Šabanović, S., Rocha, I. *Proceedings of the Fourteenth International Conference on the Synthesis and Simulation of Living Systems (Artificial Life 14)*, New York USA, August 2014, pp. 876-883.

NEGATIVE ATTITUDES TOWARD MINIMALISTIC ROBOTS WITH INTRAGROUP COMMUNICATION STYLES.
 Fraune, M., Šabanović, S. *Proceedings of 23rd IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2014)*, Edinburgh Scotland, August 2014, pp. 1116-1221.

OBSERVATIONAL STUDY OF NATURALISTIC INTERACTIONS WITH THE SOCIALLY ASSISTIVE ROBOT PARO IN A NURSING HOME.

Chang, W.C., Šabanović, S. *Proceedings of 23rd IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2014)*, Edinburgh Scotland, August 2014, pp. 294-299.

CONTEXT CONGRUENCY AND ROBOTIC FACIAL EXPRESSIONS: DO EFFECTS ON HUMAN PERCEPTIONS VARY ACROSS CULTURE?

Bennett, C.C., Šabanović, S., Fraune, M., Shaw, K. *Proceedings of 23rd IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2014)*, Edinburgh Scotland, August 2014, pp. 465 - 470.

STAY ON THE BOUNDARY: ARTIFACT ANALYSIS EXPLORING RESEARCHER AND USER FRAMING OF ROBOT DESIGN.

Lee, H.R., Šabanović, S., Stolterman, E. *Proceedings of ACM CHI Conference on Human Factors in Computing Systems (CHI 2014)*, Toronto Canada, April 2014 (Acceptance rate: 22.8%).

CULTURALLY VARIABLE PREFERENCES FOR ROBOT DESIGN AND USE IN SOUTH KOREA, TURKEY, AND THE UNITED STATES.

Lee, H.R., Šabanović, S., *Proceedings of International Conference on Human-Robot Interaction (HRI'14)*, pp. 17-24, Bielefeld Germany, March 2014 (Acceptance rate: 24%).

SITUATED ANALYSIS OF INTERACTIONS BETWEEN COGNITIVELY IMPAIRED OLDER ADULTS AND THE THERAPEUTIC ROBOT PARO.

Chang, W., Šabanović, S., Huber, L., *Proceedings of International Conference on Social Robotics (ICSR 2013)*, pp. 371381, Bristol UK, October 2013.

WEISER'S DREAM IN THE KOREAN HOME: COLLABORATIVE STUDY OF DOMESTIC ROLES, RELATIONSHIPS, AND IDEAL TECHNOLOGIES

Lee, H.R., Šabanović, S. *Proceedings of the International Joint Conference on Pervasive and Ubiquitous Computing (Ubicomp'13)*, pp. 637-646, Zurich Switzerland, September 2013. (Honorable Mention, Acceptance rate: 23.4%)

PARO ROBOT AFFECTS DIVERSE INTERACTION MODALITIES IN GROUP SENSORY THERAPY FOR OLDER ADULTS WITH DEMENTIA.

Šabanović, S., Bennett, C., Chang, W., Huber, L., *Proceedings of International Conference on Rehabilitation Robotics (ICORR 2013)*, Seattle WA, June 2013.

ROBOTICS NARRATIVES AND NETWORKS: CONCEPTUAL FOUNDATIONS FOR A NON-LINEAR DIGITAL ARCHIVE

Milojević, S., Šabanović, S.. *Proceedings of iConference 2013*, Fort Worth TX, February 2013 (Acceptance rate: 36%).

CULTURAL DESIGN OF DOMESTIC ROBOTS: A STUDY OF USER EXPECTATIONS IN KOREA AND THE UNITED STATES

Lee, H., Sung, J., Šabanović, S., Han, J. *Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2012)*, pp. 803-808, Paris, September 2012.

THE EFFECT OF GROUP SIZE ON PEOPLE'S ATTITUDES AND COOPERATIVE BEHAVIORS TOWARD ROBOTS IN INTERACTIVE GAMEPLAY

Chang, W., White, J. P., Park, J., Holm, A., Šabanović, S.. *Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2012)*, pp. 845-850, Paris, September 2012.

THE EFFECT OF MONITORING BY CAMERAS AND ROBOTS ON THE PRIVACY ENHANCING BEHAVIORS OF OLDER ADULTS

Caine, K., Šabanović, S., Carter, M. *Proceedings of 7th ACM/IEEE International Conference on Human-Robot Interaction (HRI'12)*, Boston MA, March 2012 (Acceptance rate: 25%).

EMOTION IN ROBOT CULTURES: CULTURAL MODELS OF AFFECT IN SOCIAL ROBOT DESIGN
Šabanović, S., *Proceedings of Conference on Design & Emotion 2010*, Chicago, October 2010.

BREAKBOT: A SOCIAL MOTIVATOR FOR THE WORKPLACE

Reeder, S., Kelly, L., Kechavarzi, B., **Šabanović, S.**, *Proceedings of the 8th ACM Conference on Designing Interactive Systems (DIS 2010)*, pp. 61-64, Aarhus Denmark, August 2010 (Acceptance rate: 25%).

PREDICTIVE STATE REPRESENTATIONS FOR GROUNDING HUMAN-ROBOT COMMUNICATION
 Meisner, E., Das, S., Isler, V., Trinkle, J., **Šabanović, S.**, Caporael, L. *Proceedings of the IEEE International Conference on Robotics and Automation (ICRA 2010)*, pp. 178-185, Anchorage AK, May 2010.

SHADOWPLAY: A GENERATIVE MODEL FOR NONVERBAL HUMAN-ROBOT INTERACTION

Meisner, E., **Šabanović, S.**, Isler, V., Caporael, L., Trinkle, J., *Proceedings of the 5th ACM/IEEE International Conference on Human-Robot Interaction (HRI'09)*, pp. 117-124, March 2009 (Nominated for Best Paper award, Acceptance rate: 19%).

OUTSIDE-IN DESIGN FOR INTERDISCIPLINARY HRI RESEARCH

Šabanović, S., Meisner, E., Caporael, L., Isler, V., Trinkle, J., *Proceedings of AAAI 2009 Spring Symposium on Experimental Design for Real-World Systems*, pp. 41-48, March 2009.

TABULATION AND ANALYSIS OF QUESTIONNAIRE RESULTS OF SUBJECTIVE EVALUATION OF SEAL ROBOT IN SEVEN COUNTRIES

Shibata, T., Wada, K., Ikeda, Y., **Šabanović, S.**, *Proceedings of the IEEE International Symposium on Robots and Human Interactive Communications (RO-MAN 2008)*, August 2008.

MAKING FRIENDS: BUILDING SOCIAL ROBOTS THROUGH INTERDISCIPLINARY COLLABORATION

Šabanović, S., Michalowski, M. P., Caporael, L. R., *Proceedings of AAAI 2007 Spring Symposium on Multidisciplinary Collaboration for Socially Assistive Robotics*, March 2007.

A DANCING ROBOT FOR RHYTHMIC SOCIAL INTERACTION

Michalowski, M. P., **Sabanovic, S.**, Kozima, H., *Proceedings of the 3rd ACM/IEEE International Conference on Human-Robot Interaction (HRI'07)*, pp. 89-96, March 2007 (Acceptance rate: 22%).

ROILLO: CREATING A SOCIAL ROBOT FOR PLAYROOMS

Michalowski, M. P., **Sabanovic, S.**, Michel, P., *Proceedings of the IEEE International Symposium on Robots and Human Interactive Communications (RO-MAN 2006)*, September 2006.

ROBOTS IN THE WILD: OBSERVING HUMAN-ROBOT SOCIAL INTERACTION OUTSIDE THE LAB

Sabanovic, S., Michalowski, M. P., Simmons, R., *Proceedings of IEEE International Workshop on Advanced Motion Control (AMC'06)*, March 2006.

A SPATIAL MODEL OF ENGAGEMENT FOR A SOCIAL ROBOT

Michalowski, M. P., **Sabanovic, S.**, Simmons, R., *Proceedings of Proceedings of IEEE International Workshop on Advanced Motion Control (AMC'06)*, March 2006.

**Refereed
 Short
 Papers
 & Posters**

STUDYING SOCIALLY ASSISTIVE ROBOTS IN THEIR ORGANIZATIONAL CONTEXT: STUDIES WITH PARO IN A NURSING HOME

Chang, W.-L., **Šabanović, S.** *Proceedings of 10th International Conference on Human-Robot Interaction (HRI'15)*, Young Pioneers Workshop, Portland OR, March 2015, pp. 227-228.

ROBOT GOSSIP: EFFECTS OF MODE OF ROBOT COMMUNICATION ON HUMAN PERCEPTIONS OF ROBOTS

Fraune, M., **Šabanović, S.** *Proceedings of 9th International Conference on Human-Robot Interaction (HRI'14)*, Late-Breaking Reports, Bielefeld Germany, March 2014, pp. 160-161.

TOWARDS CULTURALLY ROBUST ROBOTS: A CRITICAL SOCIAL PERSPECTIVE ON ROBOTICS AND CULTURE

Šabanović, S., Bennett, C.C., Lee, H.R. *Workshop on Culturally Aware Robots at the International Conference on Human-Robot Interaction (HRI'14)*, Bielefeld Germany, March 2014.

SOCIAL SHAPING OF INTERACTIONS BETWEEN OLDER ADULTS AND THE THERAPEUTIC ROBOT PARO

Chang, W., Šabanović, S., Huber, L. *Workshop at the International Conference on Social Robotics (ICSR'13)*, Bristol UK, October 2013.

CULTURAL DESIGN OF DOMESTIC ROBOT

Lee, H.R., Šabanović, S. *HomeSys 2013 Workshop at the International Conference on Pervasive and Ubiquitous Computing (Ubicomp'13)*, Zurich Switzerland, September 2013.

CULTURAL DESIGN OF DOMESTIC ROBOTS WITH PARTICIPATORY DESIGN

Lee, H.R. Šabanović, S., Hakken, D. *Methods for Studying Technology in the Home Workshop at the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'13)*, Paris France, April 2013.

A PARTICIPATORY FRAMEWORK FOR DEVELOPING CO-ROBOTIC TECHNOLOGIES FOR ELDER-CARE

Hakken, D., Šabanović, S., Lee, H.R., Chang, W., Scherer, D. *Designing for- and with- vulnerable people Workshop at the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'13)*, Paris France, April 2013.

USE OF SEAL-LIKE ROBOT PARO IN SENSORY GROUP THERAPY FOR OLDER ADULTS WITH DEMENTIA

Chang, W., Šabanović, S., Huber, L. *Proceedings of 8th International Conference on Human-Robot Interaction HRI'13*, Late-Breaking Reports, Tokyo Japan, March 2013, pp. 101-102.

PERCEPTIONS OF AFFECTIVE EXPRESSION IN A MINIMALIST ROBOTIC FACE

Bennett, C., Šabanović, S. *Proceedings of 8th International Conference on Human-Robot Interaction (HRI'13)*, Late-Breaking Reports, Tokyo Japan, March 2013, pp. 81-82.

POTENTIAL USE OF ROBOTS IN TAIWANESE NURSING HOMES

Chang, W., Šabanović, S. *Proceedings of 8th International Conference on Human-Robot Interaction (HRI'13)*, Late-Breaking Reports, Tokyo Japan, March 2013, pp. 99-100.

EVALUATION OF CONTROL FACTORS AFFECTING THE OPERATOR'S IMMERSION AND PERFORMANCE IN ROBOTIC TELEOPERATION

Kechavarzi, B., Šabanović, S., Weisman, K. *Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2012)*, Paris, September 2012, pp. 608-613.

AROUND THE WORLD WITH PARO: CHALLENGES IN DESIGNING AND USING ASSISTIVE ROBOTS ACROSS CULTURES

Šabanović, S., Huber, L., Shibata, T., *Proceedings of IROS 2011 Workshop on New and Emerging Technologies in Assistive Robotics*, pp. 22-23, San Francisco CA, September 2011.

DESIGNING A ROBOT THROUGH PROTOTYPING IN THE WILD

Šabanović, S., Reeder, S., Kechavarzi, B., Zimmerman, Z. *Proceedings of 6th International Conference on Human-Robot Interaction (HRI 2011)*, Late-Breaking Reports, Lausanne Switzerland, March 2011, pp. 239-240.

ROUNDTABLE: ISCHOOLS AS BRIDGES BETWEEN SCIENTOMETRICS AND STS

Milojević, S., Šabanović, S., Sugimoto, C. R., Edwards, P. M. , Hakken, D., Knobel, C. *Proceedings of iConference 2011*, Seattle WA, February 2011.

COLLABORATIVE MODELING FOR ROBOT DESIGN

Šabanović, S., Francisco, M. *Proceedings of iConference 2010*, Urbana-Champaign IL, February 2010.

GROUNDING COMMUNICATION WITHOUT PRIOR STRUCTURE

Meisner, E., Šabanović, S., *Proceedings of AAAI 2010 Spring Symposium on It's All in the Timing: Representing and Reasoning about Time in Interactive Behavior*, pp. , March 2010. (URL: <http://www.aaai.org/ocs/index.php/SSS/SSS10/paper/view/1159>)

POSTER: SOCIALLY DISTRIBUTED PERCEPTION

Michalowski, M. P., Šabanović, S., DiSalvo, C., Busquets, D., Hiatt, L. M., Melchior, N. A., Simmons, R., *Proceedings of 2nd ACM/IEEE International Conference on Human-Robot Interaction (HRI 2006)*, March 2006, pp. 349-350.

DEMO ABSTRACT/POSTER: SOCIAL TAG: FINDING THE PERSON WITH THE PINK HAT

Michalowski, M. P., DiSalvo, C., Šabanović, S., Busquets, D., Hiatt, L. M., Melchior, N. A., Simmons, R., *Proceedings of 20th National Conference on Artificial Intelligence (AAAI 2005)*, Pittsburgh PA, July 2005.

Book Chapters

COGNITIVE HUMAN-ROBOT INTERACTION

Mutlu, B., Roy, N., Šabanović, S. *Handbook of Robotics*, B. Siciliano, K. Oussama, and D. Rus (Eds.), Springer (In Press).

SHERRY TURKLE

Šabanović, S., Caporael, L. R. *Encyclopedia of Cyber Behavior*, Z. Yan (Ed.), pp. 1-8, IGI Global: Hershey PA, 2012.

SOCIAL ROBOTICS

Šabanović, S., *Battleground: Science and Technology*, S. Restivo and P. H. Denton (Eds.), Greenwood Press, 2008.

Unrefereed Publications

ROBOTICS NARRATIVES AND NETWORKS [HISTORY]

Šabanović, S., Milojević, S., Asaro, P., Francisco, M. *IEEE Robotics and Automation Magazine* 22(1): 137-146, 2015.

RAYMOND JARVIS [HISTORY]

Šabanović, S., Milojević, S., Kaur, J. *IEEE Robotics and Automation Magazine* 21(4): 120-126, 2014.

MIOMIR VUKOBRATOVIĆ [HISTORY]

Šabanović, S., Milojević, S., Kaur, J. *IEEE Robotics and Automation Magazine* 20(2): 112-122, 2013.

JOHN MCCARTHY [HISTORY]

Šabanović, S., Milojević, S., Kaur, J. *IEEE Robotics and Automation Magazine* 19(4): 99-106, 2012.

GEORGE CHARLES DEVOL, JR. [HISTORY]

Ballard, L.A., Šabanović, S., Kaur, J., Milojević, S. *IEEE Robotics and Automation Magazine* 19(3): 114-119, 2012.

Conference Talks & Abstracts

THREE STUDIES ON USER PERCEPTIONS AND USE OF PARO IN A RETIREMENT COMMUNITY IN THE US

American Psychological Association (APA) Symposium on Psychosocial Applications of Robotic Technology in Long Term Care and Beyond August 2014

DESIGNING ROBOTS IN THE WILD: IN SITU PROTOTYPE EVALUATION

FOR A BREAK MANAGEMENT ROBOT

9th IEEE/ACM International Conference on Human-Robot Interaction (HRI'14). (Šabanović, S., Reeder, S. M., Kechavarzi, B.). March 2014

- CROSS-CULTURAL DIFFERENCES IN THE USE OF TECHNOLOGY
WITH OLDER ADULTS February 2014
Association for Gerontology in Higher Education, 40th Annual Meeting, Denver, CO. (L. Huber,
Chang, W., Šabanović S., Casey Bennett, C., Hamer, S., Lopes, M).
- CULTURAL MODELS IN SOCIAL ROBOTICS—COMPARATIVE STUDIES
WITH OLDER USERS IN THE US AND JAPAN February 2012
Association for Gerontology in Higher Education, 38th Annual Meeting and Educational Lead-
ership Conference, Arlington VA. (S. Šabanović, L. Huber, W. Chang)
- TRANSLATING BETWEEN STS AND ROBOTICS November 2011
Society for Social Studies of Science (4S 2011) Conference, Cleveland OH
- 50 YEARS OF ROBOTICS THROUGH NARRATIVES AND NETWORKS
ROBOTICS CULTURE November 2011
International Network for Engineering Studies (INES) Workshop, Cleveland OH
- THE ROBOT IN THE ZEN GARDEN: CONSTRUCTING JAPANESE
ROBOTICS CULTURE August 2010
Society for Social Studies of Science (4S 2010) Conference, Tokyo, Japan
- SCAFFOLDER: AN INTERFACE FOR AGENT-BASED DISCOURSE July 2009
Swarmfest 2009, Santa Fe, NM (With M. Francisco)
- AUTOMATIC FOR THE PEOPLE: ENGINEERING CULTURES AND IMAGINING
COMMUNITIES IN SOCIAL ROBOTICS LABS IN THE US AND JAPAN November 2008
American Anthropological Association (AAA) Conference, San Francisco, CA
- WEAVING CULTURE INTO THE TRANSNATIONAL WEB OF SCIENCE August 2008
(With M. Francisco)
4S & EASST (European Assoc. for Study of Science and Tech.) Conference, Rotterdam, Nether-
lands
- THERE AND BACK AGAIN: TRAVERSING THE BOUNDARIES
BETWEEN SCIENCE STUDIES AND SOCIAL ROBOTICS November 2006
Society for Social Studies of Science (4S) Conference, Vancouver, Canada
- CONFIGURING EPISTEMIC NARRATIVES: THEORETICAL APPROACHES TO
CROSS-CULTURAL STUDIES OF SOCIAL ROBOT DESIGN August 2004
4S & EASST (European Assoc. for Study of Science and Tech.) Conference, Paris, France
- PICTURING CULTURAL NARRATIVES: A CROSS-CULTURAL STUDY
OF SOCIAL ROBOTICS February 2004
6th Annual STS Graduate Student Conference, Troy, NY
- CULTURAL EPISTEMES AND SOCIAL AGENTS April 2003
Workshop on Social Studies of Social Robotics, Harvey Mudd College, CA
- Papers in
Preparation**
- QUANTITATIVE AND QUALITATIVE STS: THE INTELLECTUAL AND PRACTICAL CONTRIBUTIONS
OF SCIENTOMETRICS
Wyatt, S., Milojević, S., Lucio-Arias, D., Park, H., Šabanović, S., Leydersdorff, L. (Under review
at *The Handbook of Science and Technology Studies*, 4th Edition, Miller, C., Smith-Doerr, L., Felt, U.,
Fouchè, R. (Eds.). URL: <http://ssrn.com/abstract=2588336>
- SOCIALLY ASSISTIVE ROBOTS AS TOOLS FOR HEALTH PREVENTION IN OLDER ADULT POPU-
LATIONS
Bennet, C. C. Šabanović, S., Piatt, J. A., Chang, W. L., Nagata, S., Hakken, D. (Under review at
Autonomous Robots Journal).

SOCIALIZING ROBOTS: A CASE STUDY OF THE SOCIAL CONSTRUCTION OF ASSISTIVE ROBOT DESIGN AND USE

Šabanović, S., Chang, W. L. (Under review at *AI & Society*).

CRITICAL PARTICIPATORY PRACTICE BRIDGING SCIENCE AND TECHNOLOGY STUDIES AND ROBOTICS

Šabanović, S. (Preparing for submission to *Journal of Engineering Studies*).

Professional Service

EVENT CHAIR

11th ACM/IEEE International Conference on Human-Robot Interaction HRI'16 (Program Committee Co-Chair with Ana Paiva)

Workshop on HRI Education at the HRI'15 Conference, Portland OR (March 2015)

Int'l Workshop on Collaborative Robots and Human Robot Interaction, San Diego (May 2013)

Int'l Workshop on Collaborative Robots and Human Robot Interaction, Denver (May 2012)

Int'l Workshop on Collaborative Robots and Human Robot Interaction, Philadelphia (May 2011)

NSF Human Centered Robotics (HCR-2011) Workshop, Istanbul Turkey (April 2011)

AAAI Spring Symposium on Multidisciplinary Collaboration for Socially Assistive Robotics, Stanford CA (March 2007)

ORGANIZING COMMITTEE MEMBER

23rd IEEE International Symposium on Robots and Human Interactive Communications, RO-MAN 2014 (Special Programme Chair)

9th ACM/IEEE International Conference on Human-Robot Interaction HRI'14 (Publication Chair)

8th ACM/IEEE International Conference on Human-Robot Interaction HRI'13 (Publication Chair)

7th ACM/IEEE International Conference on Human-Robot Interaction HRI'12 (Registration Chair)

6th ACM/IEEE International Conference on Human-Robot Interaction HRI'11 (Registration Chair)

5th ACM/IEEE International Conference on Human-Robot Interaction HRI'10 (Workshops and Tutorials Co-Chair)

6th Annual STS Graduate Student Conference 2004 (General Co-Chair)

PROGRAM COMMITTEE MEMBER

IEEE International Symposium on Robots and Human Interactive Communications, RO-MAN 2011, RO-MAN 2015 (Associate Editor)

ACM/IEEE International Conference on Human-Robot Interaction HRI'14, HRI'15

Robotics: Science and Systems, RSS 2011, 2013, HRI Committee Member

IEEE/RSJ Int'l Conference on Intelligent Robots and Systems, IROS 2013, 2014, 2015, Associate Editor

International Conference on Social Robotics, ICSR 2012, 2013

Society for the Social Studies of Science Conference, 4S 2011

EDITORIAL BOARD

Section Associate Editor for Entertainment Robotics in *Journal of Entertainment Computing* (March 2011–current).

Editor, *Facts and Artifacts*: Annual Newsletter for Department of Science and Technology Studies at RPI (2004-2005).

SESSION ORGANIZER & CHAIR

iConference Roundtable on "iSchools as Bridges between Scientometrics and STS"

Society for the Social Studies of Science Conference 4S 2010 Session on "Robots across cultures" (with Janet Vertesi)

Society for the Social Studies of Science Conference 4S 2006 Session on "STS interventions into scientific and technical practice" (With Matthew Francisco)

IEEE International Workshop on Advanced Motion Control AMC'06 Special Invited Session on "Social Robotics"

INVITED SESSION CHAIR

10th ACM/IEEE International Conference on Human-Robot Interaction HRI'15, "Robots and Children"

9th ACM/IEEE International Conference on Human-Robot Interaction HRI'14, "Robot Teachers and Learners"

6th ACM/IEEE International Conference on Human-Robot Interaction HRI'11, "Engagement"

5th ACM/IEEE International Conference on Human-Robot Interaction HRI'10, "Social and Moral Interaction with Robots"

JOURNAL REVIEWER

IEEE Transactions on Human-Machine Systems (2013, 2014), Transactions on Computer Human Interaction (2012), Entertainment Computing (2012, 2014), Journal of the Social Studies of Science (2012, 2013, 2014), International Journal of Social Robotics (2012, 2013, 2014), International Journal of Human-Computer Studies (2012, 2013), IEEE Transactions on Education (2012), International Journal of Human-Robot Interaction (2012, 2013, 2014, 2015), Journal of Personality and Social Psychology (2011), ACM Transactions on Systems, Man and Cybernetics, Part A (2010–14), IEEE Transactions on Robotics (2010, 2011), Paladyn Journal of Behavioral Robotics (2011, 2013), Philosophy and Technology (2011), Interaction Studies: Social Behaviour and Communication in Biological and Artificial Systems (2010, 2008, 2012, 2013, 2014), Autonomous Robots (2010, 2013, 2014), Children, Youth, Environments (2008), Human Technology (2014), Science, Technology and Human Values (2014).

CONFERENCE REVIEWER

International Conference on Multimodal Interaction (2012), ACM SIGCHI Conference on Human Factors in Computing Systems (CHI2012-2015), Human-Robot Interaction Conference (HRI 2007-2014), Robotics: Science and Systems (RSS 2011-2014), International Conference on Social Robotics (2011-2014), International Conference on Intelligent Robots and Systems (IROS 2010-2014), International Conference on Robotics and Automation (ICRA 2009-2011, 2014), International Symposium on Industrial Electronics (ISIE 2010), International Symposium on Robot and Human Interactive Communication (RO-MAN 2008-2014), International Joint Conference on Neural Networks (IJCNN 2006).

GRANT REVIEWER

NSF Reviewer in 3 panels and 4 ad hoc reviews (2012, 2014, 2015)

Wiener Wissenschafts-, Forschungs-, und Technologiefonds, Cognitive Science Program (2011)

Institutional Service

COMMITTEES

Intelligent and Interactive Systems Hiring Committee Member	Fall 2014-Spring 2015
Cognitive Science Hiring Committee Chair	Fall 2014-Spring 2015
Cognitive Science/Informatics Liason	2014–present
Cognitive Science Admissions Committee Member	Spring 2014
Graduate Informatics Student Association (GISA) Advisor	Fall 2013–present
SOIC Colloquium Committee Chair	Summer 2013–present
IGERT Education and Training Committee	Fall 2012–present
Rob Kling Center for Social Informatics Steering Committee	Fall 2012–present
Social Informatics Hiring Committee	Fall 2011–Spring 2012
Graduate Program Committee (GPC)	2009 – present
Social Informatics Strategic Planning Committee	2011
Health Informatics Committee	2011
I501/I502 Series Subcommittee of the GPC	2010
IU Bloomington Cinema Board	2010 – present
Women in Computing Advisory Board	2010 – present

INVITED LECTURES

Q400, Cognitive Science Capstone, "The Psychology of Human-Robot Interaction"

		April 2015
	I101, Introduction to Informatics, "Robotics in Society"	February 2015
	Social Psychology Course, Univ. of Bielefeld, "Making Robots Social"	July 2014
	P659, Social Psychology, "Social Robotics"	November 2014
	Ethics in Computing, "Robot Ethics"	October 2014
	Health Informatics, "Assistive Robotics"	September 2014
	I400 Informatics in Disasters and Emergencies, "HRI in disasters and emergencies"	October 2013
	Q609 Professional Development Seminar, "Finding, getting, and enjoying a job in academia"	October 2013
	1400/590 Health Informatics, "Robots and Ethics" and "Assistive Robotics"	January and April 2013
	Q400 Cognitive Science Seminar, "Social Human-Robot Interaction (HRI)"	February 2013
	Y100 Introduction to Informatics, "Social Robotics and HRI"	September and November 2012
	E104 Brains, Minds, Robots, and Computers, "R-House Living Lab and HRI Research"	October 2011
	Q400 Cognitive Science Seminar, "Social Human-Robot Interaction (HRI)"	October 2011
	PSY657 Social Embodiment, "Social Embodiment in Robotics and HRI"	April 2011
	1400/590 Health Informatics, "Robots and Ethics" and "Assistive Robotics"	January 2011
	Informatics Summer Camp, "Robots in Society"	June 2010
	Informatics Honors Seminar, "Towards Socially Robust Robots"	April 2010
	I399 Topic Course, "Studying Human-Robot Interaction"	March 2010
	I501 Introduction to Informatics, "Social Studies of Robotics"	October 2008
	Humans and Machines course, Stanford University, "Robot Cultures Past, Present, and Future"	September 2007
	Design, Culture and Society course, RPI, "Constructing Robot Cultures"	April 2006
	Introduction to Cognitive Science course, RPI, "Making Friends: An overview of socially interactive robots"	April 2004
	Introduction to Science and Technology Studies course, RPI, "The Social Robots Are Coming!"	
Community Service	WONDERLAB SCIENCE MUSEUM	April 2015
	Hands-on activity on social robotics for one-day presentation.	
	INTERACTIVE AND INTELLIGENT SYSTEMS OPEN HOUSE	April 2015
	Organized and hosted (with David Crandall) a showcase of work from students and faculty in SOIC and Cognitive Science as part of National Robotics Week.	
	ELLETTSVILLE GIRLS AND BOYS CLUB	Spring 2015
	Weekly Robotics Club activity for students ages 10-17.	
	BANNEKER COMMUNITY CENTER	July 2013
	Invited lecture on robotics for summer camp students.	
	IU PATHFINDERS SUMMER CAMP	June 201d
	Invited lecture on robotics for campers.	
	WONDERLAB SCIENCE MUSEUM SUMMER CAMP	July 2012
	Invited lecture on robotics for campers.	
	IU SUMMER SCIENCE CAMP	July 2011
	Hosted 6-8th grade students from Indiana in the R-House lab and presented research.	
	WONDERLAB SCIENCE MUSEUM SUMMER CAMP	July 2011
	Invited lecture on robotics for campers.	
	ANNUAL ROBOTICS OPEN HOUSE	April 2010-2014

Organized and held the Robotics Open House as part of National Robotics Week (with Kris Hauser and David Crandall) representing work in robotics and artificial intelligence at SOIC.

WONDERLAB SCIENCE MUSEUM January 2011
Organized and implemented a human-robot interaction activity for WonderLab's "Metal Mayhem" event. SOIC was named as a sponsor.

HABITAT FOR HUMANITY October 2009
Participated in a "build" for Habitat with other SOIC faculty.

Diversity

MENTOR September 2014- present
Mentoring a female undergraduate Cox Scholar.

MENTOR December 2014- present
Mentoring a student through the Center of Excellence for Women in Technology (CEWIT)'s Research Experiences for Undergraduate Women (REU-W) program.

ROBOTICS DEMO April 2014
Presented robots and research in our lab to group of women from Women Empowering Success in Technology (WESIT).

ROBOTICS DEMO March 2014
Presented robots and research in our lab to group of women from Delta Academy.

ROBOTICS DEMO October 2013
Presented robots and research from our lab at Center of Excellence for Women in Technology (CEWIT) launch event.

MENTOR May-July 2013
Mentored two undergraduate HBCU students as IU STEM Summer Scholar Fellows.

INVITED LECTURE July 2012
Gave a presentation on social robotics to middle school girls as part of a STEM Summer Camp program at IU.

INVITED LECTURE July 2012
Hosted students from Delta Academy at R-House lab to discuss robotics research and careers. The Delta Academy provides an opportunity for local Delta chapters to enrich and enhance the education in math, science, and technology that our young teens (ages 11-14) receive in public schools across the nation.

MENTOR January 2012- August 2012
Mentored a female minority undergraduate Cox Scholar.

INVITED LECTURE April 2011
Gave a lecture on graduate school and social robotics research at IU Northwest NSF IGERT on the Dynamics of Brain-Body-Environment.

MENTOR July-August 2010
Mentored a minority student from IU Northwest as part of the diversity activities for NSF IGERT on the Dynamics of Brain-Body-Environment.

MENTOR Spring 2011
Mentored a minority student under the SOIC Research Scholars Program.

MENTOR June 2010
Gave a lecture on social robotics to students in the IU Groups Program, which is designed to support freshmen at risk of not completing college.

INVITED LECTURE

June 2009

Hosted 15-20 members of the Girls, Inc. program on their visit to the School of Informatics and Computing and talked to them about robotics, with Kris Hauser.

Advising

DOCTORAL DISSERTATION CHAIR

Haodan Tan (co-advised with Eli Blevis, 2014–present)
Marlena Fraune (2013–present)
Jangwon Lee (co-advised with David Crandall, 2013–present)
Casey Bennett (2012–2015, graduated)
Heerin Lee (2011–present)
Wynnie Chang (2011–present)
Zachary Tosi (2012–2013)
Daryl Hanson (2010–2012)
Kevin Makice (2010)

DISSERTATION COMMITTEE

Cory Juwuan Hayes, Computer Science and Engineering PhD, Notre Dame Univ., (2014–present)
Ginger White, Health Informatics PhD, IUB (2013–present)
Hari Machina, Informatics, PhD, IUB (2012-2013)
Himalaya Patel, Informatics PhD, IUPUI (2012–present)
Linger Xu, Cognitive Science/Computer Science PhD, IUB (2012–present)
Heather Wiltse, Human-Computer Interaction Design PhD, IUB (2012-2013)
Jennifer Terrell, Social Informatics PhD, IUB (2012–2015, graduated)
Muzaffer Ozakca, Social Informatics PhD, IUB (2011-2013)

QUALIFYING EXAM COMMITTEE

Stephen Sherrin, Cognitive Science PhD
Ginger White, Health Informatics Phd
Tonya Thompson, Human-Computer Interaction Design PhD (2014)
Linger Xu, Cognitive Science/Computer Science PhD (2012)
Heather Wiltse, Human-Computer Interaction Design PhD (2012)
Jennifer Terrell, Social Informatics PhD (2011)

GRADUATE INDEPENDENT RESEARCH

Monet Rouse, I699 (3 credits), Educational robotics interface design (Spring 2015)
Alisa Avigan, I699 (3 credits), Robot face design (Spring 2015)
Swapna Joshi, I699 (3 credits), Public and community robotics (Spring 2015)
Haodan Tan, I699 (3 credits), Human-robot interaction design research project (Spring 2014)
Casey Bennet, I790, (3 credits) Research rotation (Spring 2012); I699, (3 credits) Independent Study (Summer 2012)
Jeremy White, I699 (3 credits) Human-robot interaction research project (Fall 2011)
Wan-Ling Chang, I790, (3 credits) Research rotation (Fall 2012)
Heerin Lee, I790, (3 credits) Research rotation (Fall 2011), I699 (3 credits) Independent study (Fall 2012)
Daryl Hansen, Q799 (3 credits), Readings and research in Cognitive Science (Fall 2010)

UNDERGRADUATE INDEPENDENT RESEARCH

Benjamin Oistad, PSY 493 (3 credits), Research in human-robot interaction (Spring 2015)
Anthony Kempiak, PSY493 (3 credits), Research in human-robot interaction (Spring 2015)
Jacob Bloom, PSY493 (3 credits), Research in human-robot interaction (Spring 2015)
Logan Doyle, Y391 (6 credits), Research in human-robot interaction (Fall 2014–current)
Kate Shaw, Y391 (9 credits), Research in human-robot interaction (Fall 2013-Fall 2014)
Kaylynn Jessee, Q498 (3 credits), Research in human-robot interaction (Fall 2011)
Graham Pedersen, Y391 (2 credits), Research in human-robot interaction (Fall 2012)
Mary Carter, PSY493 and PSY 494 (6 credits), Research in human-robot interaction (Fall 2011)
Anna Holm, Q493 and Q498 (4 credits), Readings and research in human-robot interaction (Fall

2011)
June Park, Y391 (1 credit), Research in human-robot interaction (Fall 2011)

Mentorship Highlights

NSF GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP) March 2015
Three-year fellowship awarded to Marlena Fraune for research on Group Effects in Human-Robot Interaction.

YOUNG PIONEERS WORKSHOP AT HRI'15 March 2015
Wan-Ling Chang was accepted to this invitational workshop funded by the NSF.

YOUNG PIONEERS WORKSHOP AT HRI'14 March 2015
Marlena Fraune was accepted to this invitational workshop funded by the NSF (March 2014).

SUMMER PRE-DISSERTATION RESEARCH AWARD June-August 2014
\$2,848 awarded to Hee Rin Lee.

IGERT/SOIC SUMMER RESEARCH AWARD June-August 2013 and 2014
Casey Bennett received \$10,000 total funds over two years as a Cognitive Science IGERT associate in Informatics

EAST ASIAN STUDIES CENTER TRAVEL GRANT February 2013
Wan-Ling Chang received \$300 in travel funding for research on technology use in eldercare in Taiwan.

Invited Talks

MAKING LOVE TO SIRI: THE SEDUCTIVENESS OF ROBOTS March 2015
Radio interview with Prof. Colin Allen on advances in social robotics.
URL: <http://wfhb.org/news/interchange-making-love-to-siri-the-seductiveness-of-robots/>

HUMAN-ROBOT INTERACTION: LAW ON THE HOME FRONT March 2015
Panel discussion member at the 10th International Conference on Human-Robot Interaction HRI'15, Portland OR.

ASSISTIVE HUMAN-ROBOT INTERACTION February 2014
ICSA Catalyst Undergraduate Workshop, Indiana University, Bloomington IN.

DESIGNING ROBOT CULTURES July 2014
Bielefeld University, Germany, Cognitive Information Technology – Center of Excellence Colloquium.

ROBOT BOYS AND GIRLS? CONSTRUCTING GENDER IN SOCIAL ROBOTICS July 2014
Bielefeld University, Germany, Gender Studies Program Colloquium.

ASSISTIVE ROBOTICS: SOCIAL APPLICATIONS AND IMPLICATIONS June 2014
Mini University 2014, Indiana University-Bloomington, IN.

SOCIALIZING CO-ROBOTS: INCORPORATING USERS AND SITUATED INTERACTION IN THE DESIGN OF COLLABORATIVE ROBOTS May 2014
Keynote at Workshop on Human-Robot Interaction at the Collaboration Technologies and Systems (CTS 2014) conference.

SOCIALIZING ROBOTS: SITUATED ANALYSIS OF PARO IN A U.S. NURSING HOME March 2014
"Socially assistive robots for the aging population: Are we trapped in stereotypes?" Workshop at HRI'14, Bielefeld, Germany.

CROSS-CULTURAL PERSPECTIVES ON ROBOT DESIGN February 2014
"Going Beyond the Laboratory: Ethical and Societal Challenges for Robotics" Conference, Delmenhorst, Germany.

- DESIGNING ROBOTS IN SOCIETY
Indiana University - Purdue University Indianapolis (IUPUI) Science on Tap. May 2013
- HUMAN-CENTERED ROBOTICS: A HUMANISTIC PERSPECTIVE
ON ROBOT DESIGN October 2012
School of Informatics and Computing Colloquium, Indiana University - Purdue University Indianapolis (IUPUI).
- JUST DEWEY IT: PROTOTYPING AND IN SITU EVALUATION OF A
SOCIALLY ASSISTIVE ROBOT FOR THE OFFICE March 2012
7th ACM/IEEE International Conference on Human-Robot Interaction HRI'12, Boston, MA.
- CRITICAL AND PARTICIPATORY METHODS IN SOCIAL INFORMATICS December 2011
Social Informatics Graduate Student Meeting, School of Informatics and Computing, Indiana University Bloomington.
- CRITICAL PARTICIPATORY PRACTICE TO BRIDGE SOCIAL SCIENCE
AND ROBOTICS November 2011
Intelligent Systems Seminar, School of Informatics and Computing, Indiana University Bloomington.
- HUMAN-CENTERED ROBOTICS: A SOCIAL SCIENCE PERSPECTIVE April 2011
NSF Workshop on Human-Centered Robotics, Istanbul Technical University, Turkey.
- SOCIAL ROBOTICS AND HUMAN-ROBOT INTERACTION March 2011
Department of Electrical Engineering Colloquium, University of Sarajevo, Bosnia and Herzegovina.
- HUMAN-ROBOT INTERACTION RESEARCH February 2011
ICSA Catalyst Undergraduate Workshop, Indiana University, Bloomington IN.
- IF THEY ONLY HAD HEARTS: CULTURE, AFFECT, AND ROBOT DESIGN February 2011
Microsoft Office Labs Seminar, Seattle, WA.
- ROBOT CULTURES, CULTURAL MODELS, AND CULTURALLY SITUATED DESIGN March 2010
School of Informatics and Computing Colloquium, Bloomington, IN.
- ROBOTS AS HELPERS AND COMPANIONS: SOCIAL CHALLENGES IN
TECHNOLOGY DESIGN June 2010
Mini University 2010, Indiana University-Bloomington, IN.
- FINDING, GETTING, AND ENJOYING A JOB IN ACADEMIA March 2010
HRI Pioneers Workshop 2010, March 2 2010, Osaka, Japan.
- DESIGNING SOCIAL ROBOTS: DEBATES AND CHALLENGES December 2009
Mechatronics Program Colloquium, Faculty of Engineering and Natural Sciences, Sabanci University, Turkey
- ROBOTS IN SOCIETY, SOCIETY IN ROBOTS: SOCIAL IMPACTS, MUTUAL SHAPING, AND COLLABORATIVE DESIGN November 2009
Rob Kling Center for Social Informatics Colloquium, Indiana University, Bloomington
- SOCIAL HUMAN-ROBOT INTERACTION DESIGN November 2009
HCI/d PhD Student Seminar
- DESIGNING ROBOTS FROM THE OUTSIDE IN: A SOCIAL APPROACH
TO ROBOTICS December 2008
Department of Spatial Design and Information Systems Colloquium, School of Project Design, Miyagi University, Japan

- A SOCIAL SCIENTIST'S PERSPECTIVE ON ROBOT DESIGN
Systems Robotics Laboratory, Tohoku University, Japan
December 2008
- SOCIAL ROBOTICS AND THE STUDY OF COGNITION
Third Social Robotics Workshop, Schenectady Science Museum, Schenectady, NY
November 2008
- HUMAN-ROBOT INTERACTION: DEBATES AND CHALLENGES
(With N. Freier)
Department of Language, Literature, and Communications Colloquium, RPI
April 2008
- DISCOVERY OF BEHAVIORAL DYNAMICS FOR SOCIALLY ASSISTIVE
HUMAN-ROBOT INTERACTION
(With E. Meisner, L.R. Caporael, V. İşler, J. Trinkle)
NSF Symposium on Cyber-Enabled Discoveries and Innovations, Troy, NY
September 2007
- SOCIABLE MACHINES: ROBOT CULTURE
Chair of Tech Epoch University Roundtable, Japan Society, New York, NY
June 2007
- INTERDISCIPLINARY COLLABORATION IN HUMAN-ROBOT INTERACTION
Robotics Seminar, Department of Computer Science, RPI
April 2007
- THE HYBRID SCIENCE OF SOCIAL ROBOTICS
Knowledge Based Engineering Lab Seminar, Toyohashi University of Technology, Japan
November 2006
- SOCIAL PERSPECTIVES ON HUMAN-ROBOT INTERACTION
Panel member at Graduate Student Invitational Workshop on Human-Robot Interaction, Carmel,
CA
August 2006
- CROSS-CULTURAL STUDIES OF SOCIAL ROBOTICS
Ubiquitous Functions Research Group Seminar, AIST Tsukuba, Japan
March 2005