

Pernille Bjørn
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Computer Science
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Curriculum

Pernille Bjørn, Associate Professor, is Head of the research group: Technologies in Practice, which comprise 20 faculty and 6 PhD students and the IT University in Copenhagen. Pernille just returned to Copenhagen after being visiting faculty at University of California Irvine from July 2013-August 2014 as part of ISTC center for research on social computing.

Pernille's main interest is to investigate how people collaborate within complex work arrangement aiming at developing concepts useful for the design of collaborative technologies - and her main research area is Computer Supported Cooperative Work (CSCW). She has conducted ethnographic studies of collaborative work practices in several domains such as healthcare, engineering, and software development. Currently her main interest is global software development, where she is responsible for the ethnographic studies in 5 different organisational setups with different industry partners, as part of the *NexGSD research project*, which is a 5 years research project on global software development funded by the Danish strategic research council.

Pernille's research is in the cross-roads between CSCW, STS, CHI, and IS research. She has over 60 publications in peer-reviewed conference proceedings (e.g. CHI, CSCW, ECSCW) as well as in high-ranking journals such as the *Journal of Computer Supported Cooperative Work*, *International Journal of Medical Informatics*, *Information System Journal*, *Action Research Journal*, *Science & Technology Studies*, *European Journal of Information Systems*, *Scandinavian Journal of Information Systems*, and *IEEE Transaction on Professional Communication*.

Past and current university affiliations includes associate professor, IT University of Copenhagen, Denmark (February 2009-); assistant professor IT University of Copenhagen (September 2008-January 2009); visiting faculty at University of California, Irvine, USA (July 2013-August 2014); visiting faculty at the Indian Institute of Management, Bangalore, India (December 2011-January 2012); Post-doctoral fellow Simon Fraser University, British Columbia, Canada (December 2006-August 2008); Roskilde University, Denmark.

Publications

"It's about Business not Politics": Software Development between Palestinians and Israelis

Boulus-Rødje, N., Bjørn, P. & Ghazawneh, A., 2015, *ECSCW 2015: Proceedings of the 14th European Conference on Computer Supported Cooperative Work, 19-23 September 2015, Oslo, Norway: Part I*. Springer, p. 43-61 21 p.

Why Replacing Legacy Systems Is So Hard in Global Software Development: An Information Infrastructure Perspective

Matthiesen, S. & Bjørn, P., 2015, *CSCW '15 Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing*. Association for Computing Machinery, p. 876-890 15 p.

Information Infrastructures in healthcare: Action research, Interventions, and Participatory design

Ellingsen, G. & Bjørn, P., Dec 2014, In: *Scandinavian Journal of Information Systems*. 26, 2, p. 1-4 4 p., 2.

Sociomaterial-Design: Bounding technologies in practice

Bjørn, P. & Østerlund, C., Dec 2014, Cambridge, UK: Springer London. 120 p. (Computer Supported Cooperative Work).

Documentscape: Intertextuality, Sequentiality & Autonomy at Work

Christensen, L. R. & Bjørn, P., 2014, *CHI '14 Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. Association for Computing Machinery, p. 2451-2460

Does distance still matter? Revisiting the CSCW fundamentals on distributed collaboration

Bjørn, P., Esbensen, M., Jensen, R. E. & Matthiesen, S., 2014, In: *ACM Transactions on Computer - Human Interaction*. 21, 5, p. 1-27 27 p.

"Figure Out How to Code with the Hands of Others": Recognizing Cultural Blind Spots in Global Software Development

Matthiesen, S., Bjørn, P. & Petersen, L. M., 2014, *Proceedings of the 17th ACM conference on Computer supported cooperative work & social computing: CSCW '14*. Association for Computing Machinery, p. 1107-1119 13 p.

Global Software Development in a CSCW perspective

Bjørn, P., Bardram, J., Avram, G., Bannon, L., Boden, A., Redmiles, D., De Souza, C. & Wulf, V., 2014, Association for Computing Machinery.

Relation work in collocated and distributed collaboration

Christensen, L. R., Jensen, R. E. & Bjørn, P., 2014, *COOP 2014 - Proceedings of the 11th International Conference on the Design of Cooperative Systems*. Rossitto, C. (ed.). Springer, p. 87-101

Routine and Standardization in Global Software Development

Esbensen, M. & Bjørn, P., 2014, *GROUP '14 Proceedings of the 18th International Conference on Supporting Group Work*. p. 12-23

Sociomaterial-Design in Global software development

Bjørn, P., 2014

What are you reading?

Bjørn, P., 2014, Interactions IX: Association of Computing Machinery ACM.

Cyborg heart: The affective apparatus of bodily production of ICD patients

Bjørn, P. & Markussen, R., 1 Aug 2013, In: *Science & Technology Studies*. 2, p. 14-28

Global software development: Commitment, trust, and cultural sensitivity in strategic partnerships

Søderberg, A., Krishna, S. & Bjørn, P., 2013, In: *Journal of International Management*. 19, 4, p. 347-361

Managers' perceptions of social software use in the workplace: Identifying the benefits of social software and emerging patterns of its use

Majumdar, A., Krishna, S. & Bjørn, P., 2013, *AMCIS 2013 Proceedings*. AIS Electronic Library (AISeL)

Special Issue on Information Infrastructures for Healthcare: The Global and Local Relation

Bjørn, P. & Kensing, F., 1 Dec 2012, In: *International Journal of Medical Informatics*. 82

Bounding Practice: How People Act in Sociomaterial Practices

Bjørn, P., 2012, In: *Scandinavian Journal of Information Systems*. 24, 2

Building a socially embedded future internet

Bannon, L., Bjørn, P., De Michelis, G., Paterno, F., Randall, D., Schmidt, K., Wagner, I. & Wulf, V., 2012

Divergence and Convergence in Global Software Development: Cultural Complexities as Social Worlds

Jensen, R. E. & Bjørn, P., 2012, *From Research to Practice in the Design of Cooperative Systems: Results and Open Challenges: Proceedings of the 10th International Conference on the Design of Cooperative Systems, May 30 - 1 June, 2012*. Springer, p. 123-136 6 p.

Sources of miscommunications: Searching for contextual information in communication between Chinese and Danish collaborators

Korver-Michan, R. & Bjørn, P., 2012, *ICIC 12. Proceedings of the 4th international conference on Intercultural Collaboration*. New York: Association for Computing Machinery, 10 p.

Co-constructing globally collaborative spaces: A conceptual study of war room meetings as spaces with place-based activities

Bjørn, P., 2011, *Nordic contributions in IS research : second Scandinavian Conference on Information Systems, SCIS 2011, Turku, Finland, August 16-19, 2011, proceedings*. Springer, p. 16-22 20 p.

Cyborg at Heart: ICD and the apparatus of bodily production

Markussen, R. & Bjørn, P., 2011, *Infrastructures for Healthcare: Proceedings of the International Workshop 3*. IT-Universitetet i København, p. 51-54

Difficulties in establishing local language in machine-translated mediated communications

Yasouka, M. & Bjørn, P., 2011, *Nordic Contributions in IS Research: Second Scandinavian Conference on Information Systems, SCIS 2011 Proceedings*. Springer, p. 41-55 20 p.

Dissenting in Reflective Conversations: Critical Components of doing Action Research

Bjørn, P. & Boulus, N., 2011, In: *Action Research*. 9, 3, p. 282-302

Including Remote Participants and Artifacts: Visual, Audio, and Tactile Modalities in an Ethnographic Study of Globally Distributed Engineers: Workshop on Transnational HCI at ACM CHI 2011 conference

Bjørn, P. & Pederson, T., 2011, 14 p.

Layers in sorting practices: Sorting out patients with potential cancer

Møller, N. H. & Bjørn, P., 2011, In: *Computer Supported Cooperative Work*. 20, p. 123-153

Machine Translation Effect on Communication: What Makes It Difficult to Communicate through Machine Translation?

Jensen, M. Y. & Bjørn, P., 2011, *Culture and Computing (Culture Computing), 2011 Second International Conference on* . IEEE Computer Society Press, p. 110-115 5 p.

Relation work: Creating socio-technical connections in global engineering

Bjørn, P. & Christensen, L. R., 2011, *ECSCW 2011 : proceedings of the 12th European Conference on Computer Supported Cooperative Work, 24-28 September 2011, Aarhus, Denmark*. New York: Springer Publishing Company, p. 133-152 20 p.

Socio-Material Infrastructure in Emergency Departmental Work

Østerlund, C. & Bjørn, P., 2011, *Infrastructure for Healthcare: Global Healthcare : Proceedings of the 3rd International Workshop 2011*. IT-Universitetet i København

The Global Interaction Research Initiative at the IT University of Copenhagen, Denmark

Bardram, J. E., Bjørn, P., Glenstrup, A. J. & Pederson, T., 2011, *Proceedings of the 23rd ACM Conference on Computer Supported Cooperative Work: CSCW 2011*. Hangzhou, China: Association for Computing Machinery, p. 489-496 7 p.

A cross-case analysis of technology-in-use practices: EPR-adaptation in Canada and Norway

Boulus, N. & Bjørn, P., 2010, In: *International Journal of Medical Informatics*. 79, 6, p. 97 108 p.

Artefactual Multiplicity: A Study of Emergency-Department Whiteboards

Bjørn, P. & Hertzum, M., 2010, In: *Computer Supported Cooperative Work*. 20, 1-2

Designing for collaborative interpretation in telemonitoring: Re-introducing patients as diagnostic agents

Andersen, T. O., Bjørn, P., Kensing, F. & Moll, J., 2010, In: *International Journal of Medical Informatics*.

Global Health: Interpretation and use of ICD data

Bjørn, P., 2010, Association for Computing Machinery.

Technology Alignment: A new area in Virtual Team Research

Bjørn, P. & Ngwenyama, O., 2010, In: *IEEE Transactions on Professional Communication*. 53, 4

Technology Alignment: A New Area in Virtual Team Research

Bjørn, P., 2010

Standardized Cancer Pathways: Layers of Sorting out Patients Suspected with Cancer

Møller, N. H. & Bjørn, P., 10 Aug 2009, *Proceedings of the 32nd Information Systems Research Seminar in Scandinavia*. Molde University College

Boundary factors and contextual contingencies: Configuring electronic templates for healthcare professionals

Bjørn, P., Burgoyne, S., Crompton, V., MacDonald, T., Pickering, B. & Munro, S., 2009, In: *European Journal of Information Systems*. 18, 5, p. 428-441

Co-constructing IT and Healthcare

Andersen, T. O., Bansler, J. P., Bjørn, P., Havn, E. C., Jensen, M., Kensing, F., Mønsted, T. & Schmidt, K., 2009.

Eksisterende it kan udnyttes bedre

Granlien, M. S. & Bjørn, P., 2009, In: *Dagens Medicin*.

Materiality in hospital work: Comparative study of the work in two pediatric emergency departments

Bjørn, P. & Østerlund, C., 2009. 3 p.

Supporting the Design of Health Information Systems: Action Research as Knowledge Translation

Bjørn, P. & Balka, E., 2009, *42nd Hawaii International Conference on System Sciences, 2009. HICSS '09*. . IEEE Press, p. 1-10 10 p.

Action Research 'in the Making': Reflections on Conversations with Action Researchers

Boulus, N. & Bjørn, P., 2008, *European Association for the Study of Science and Technology (EASST)/Society for Social Studies of Science (4S)*. p. 250-251 2 p.

Steps towards a Typology for Health Informatics

Rasmussen, P. B., Balka, E. & Wagner, I., 2008, *Proceedings of the ACM 2008 Conference on Computer Supported Cooperative Work*. Association for Computing Machinery

Triage Drift: A Workplace Study in a Pediatric Emergency Department

Bjørn, P. & Rødje, K., 2008, In: *Computer Supported Cooperative Work*. 17, 4, p. 395-419

Virtual team collaboration: building shared meaning, resolving breakdowns and creating translucence

Rasmussen, P. B. & Ngwenyama, O., 2008, In: *Information Systems Journal*.

Constructing Technology-in-use Practices: EPR-adaptation in Canada and Norway

Boulus, N. & Bjørn, P., 2007, *Studies in Health Technology and Informatics*. Westbrook, J. I., Coiera, E. W., Callen, J. L. & Aarts, J. (eds.). Netherlands: IOS Press, p. 143-155 12 p.

Projects

CITH: Co-constructing IT and Healthcare

Bjørn, P. (PI)
01/01/2008 → 31/12/2011

Design-principles for ICT-supported entrepreneurship

Lindekilde, R. (PI) & Bjørn, P. (PI)
01/08/2015 → 31/07/2018

New Collaborative Awareness Platforms for European Makers

Bjørn, P. (PI)
01/07/2014 → 14/04/2015

Conflict: Technologies in Conflicted Cities

Bjørn, P. (PI), Boulus-Rødje, N. (Col) & Ghazawneh, A. (Col)
Danish Agency for Higher Education and Science
01/01/2015 → 31/12/2015

Activities**European Conference on Computer-Supported Cooperative Work - ECSCW 2011**

Bjørn, P. (Member of Programme Committee) & Møller, N. H. (Participant)
24 Sept 2011 → 28 Sept 2011

3rd International Workshop on Infrastructures in Healthcare

Christensen, L. R. (Program co-chair) & Bjørn, P. (General Chair)
23 Jun 2011 → 24 Jun 2011