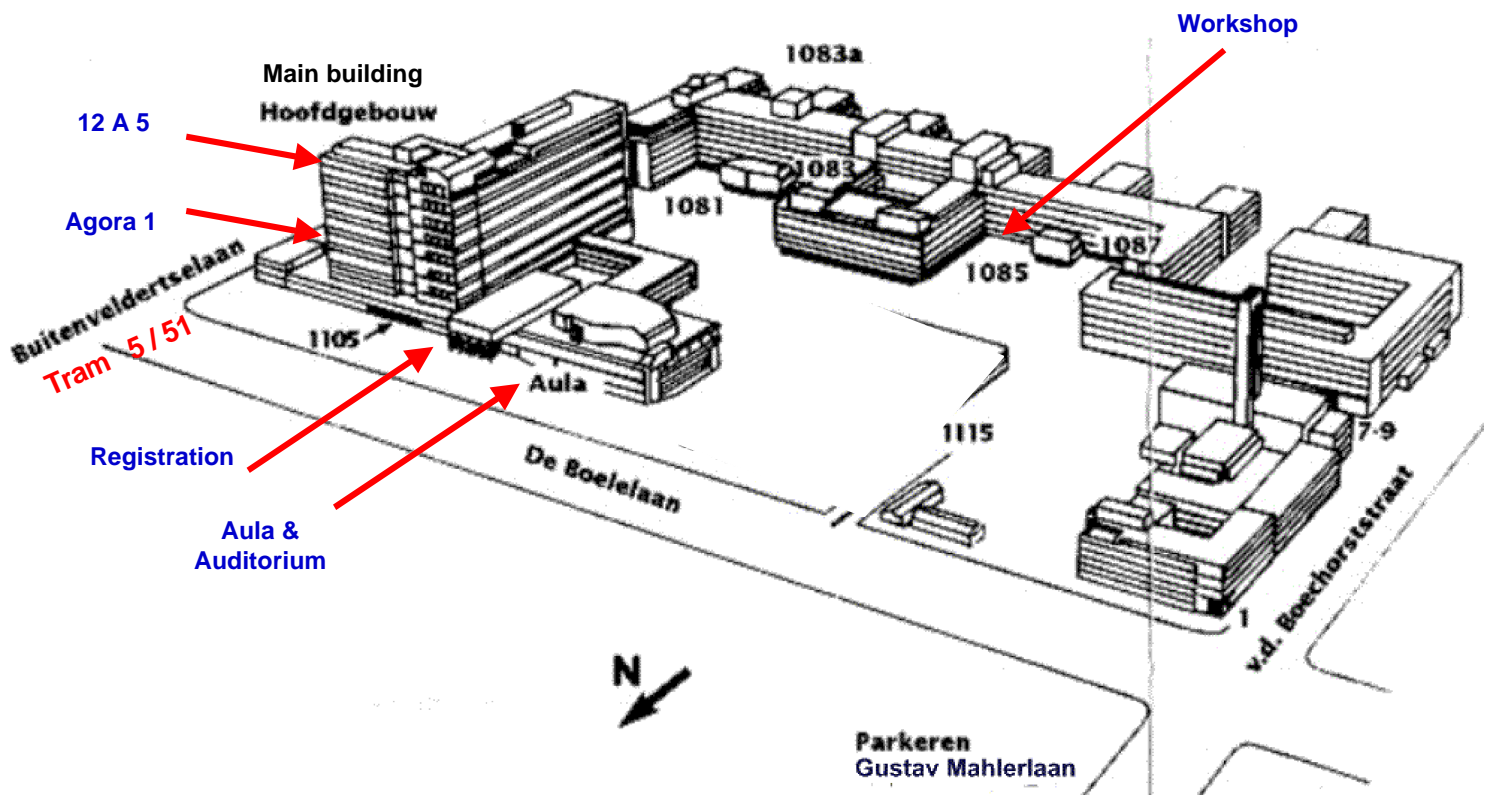




CSAPC '03 Conference Program

September 16-19
Vrije Universiteit
Amsterdam



TUESDAY 16

9:00-17:00 Building De Boelelaan 1085, room G076
(ground floor)

Workshop: Cognition and Collaboration – Distributed Cognition in Complex Processes

Cristina M. Chisalita & Peter H. Jones – workshop
organisers

16:00-18:00 Main Building, conference desk
(ground floor)

Registration

18:00-20:00 Main Building, behind “Aula” (1st floor)

Welcome reception, informal get-together, drinks and snacks

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WEDNESDAY 17

8:00 Main Building, conference desk (ground floor)

Registration

9:00 Main Building, room “Auditorium” (1st floor)

Opening Session

9:30 Session 1 *Situational Awareness* – Chair:
Erik Hollnagel (invited)

Döring, B., Dörfel, G., and Distelmaier, H.

Object-oriented modeling of situational awareness information for knowledge-based user interfaces

Neerinx, M. A., Rypkema, J., and Passenier, P. O.

Cognitive and functional (COLFUN) framework for envisioning and assessing high-demand situations

Hoc, J.-M., and Blossville, J.-M.

Cooperation between drivers and in-car automatic driving assistance

11:00 Coffee and Poster Session:

Fenema, van, P. C., and Simon, S. J.

Failure of distributed coordination in high reliability organizations: The midair collision over Germany on July 1, 2002

11:30 Session 1 (continued)

Rajaonah, B., Anceaux, F., Espié, S., & Hoc, J.-M.

A study of the link between trust and use of adaptive cruise control

Svenson, O., and Patten, C.

Safety of a human-technology-organization system: Mobile phones and driver cognition disturbance

12:30 Lunch

13:30 Panel *Future home as operator control rooms
and vice versa*

Moderator: Matthias Rauterberg

Panelists: Ad van Berlo, Erik Hollnagel, Jean-
Michel Hoc

15:00 Excursion Royal Palace 't Loo – followed by
Conference Dinner

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THURSDAY 18

9:00 Main Building, Room “Agora 1”, (3rd floor)

Session 2 *Error Management* – Chair:
Matthias Rauterberg

Vlugt, van der, M., and Wieringa, P. A.

Searching for ways to recover from fixation: Proposal for a different viewpoint

Miguel, A., and Wright, P.

CHLOE: A technique for analyzing collaborative systems

Andro, M., Chauvin, C., and Le Bouar, G.

Interaction management in collision avoidance at sea

10:30 Coffee and Poster Session:
Itoh, K., Abe, T., and Andersen, H. B.
Healthcare staff attitudes towards management, job, teamwork and leadership in Japanese Hospitals

11:00 Session 2 (continued)
Marc, J., and Rogalski, J.
Individual contribution to safe collective management in dynamic situations. The case of a medical emergency center (SAMU)

Rizzo, F., Parlangei, O., and Bagnara, S.
Remembering and forgetting effects in analyzing search engine list results

12:00 Discussion
12:30 Lunch

13:30 Session 3 *Human Analytical Tools –*
Chair: Jean-Michel Hoc
Wright, L., and Van der Schaaf, T.
Causation patterns of accidents versus near misses: A critical review of the literature, and an empirical test in the railway domain

Gauthereau, V., and Hollnagel, E.
Building expectations and the management of surprises: Studies of safety-train outages at a Swedish nuclear power plant

14:30 Tea break
15:00 Session 3 (continued)
Pellegrin, L., Bonnardel, N., deVictor, N., Bastien, C., and Chaudet, H.
Modeling a cooperative medical decision making in an intensive care unit

Cegarra, J., and Hoc, J.-M.
Individual differences and distributed cognition: The case of troubleshooting diagnosis

16:00 Keynote Address
Barbara Tversky
Some ways graphics communicate – diagrams as vehicle in distributed cognition

17:00 EACE AGM

19:00 Reception by the Major and Aldermen of Amsterdam – Town Hall

FRIDAY 19

9:00 Main Building, Room “12 A 5” (12th floor)
Session 4 *Technical Analytical Tools and Simulation* - Chair: Johan F. Hoorn
Shu, Y., Furuta, K., and Nakata, K.
A method for defining and inferring team situation awareness in cooperative activity based on mutual awareness

Lanzi, P., Marti, P., Battino, P., and Pozzi, S.
Pre-operational validation in safety critical environments: The challenge of advanced shadow mode trials

10:30 Coffee break

11:00 Session 4 (continued)
Völkel, A.
Evolutionary optimization of graphical human-machine interfaces for controlling technical processes

Wastell, D. G., Sauer, J., and Hockey, G. R. J.
Using micro-worlds in research on distributed cognition in complex dynamic worlds: A ten years retrospective on the Cabin Air Management System (CAMS)

12:00 Discussion

13:00 Lunch

14:00 Session 5 *Process Control Requirements – Theory and Methods* – Chair: Tjerk W. van der Schaaf
Hoorn, J. F., and Van der Veer, G. C.
Requirements engineering for groupware to manage business process dynamics and stakeholders’ mindset

Chisalita, C.M., and Jones, P.H.
Learning from Distributed Cognition – User-centered Cognitive Analysis in Collaborative Applications

15:00 – 16:00 Closing session

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