

Twenty-five Years of HCI – Twenty-five Years of the HCIL

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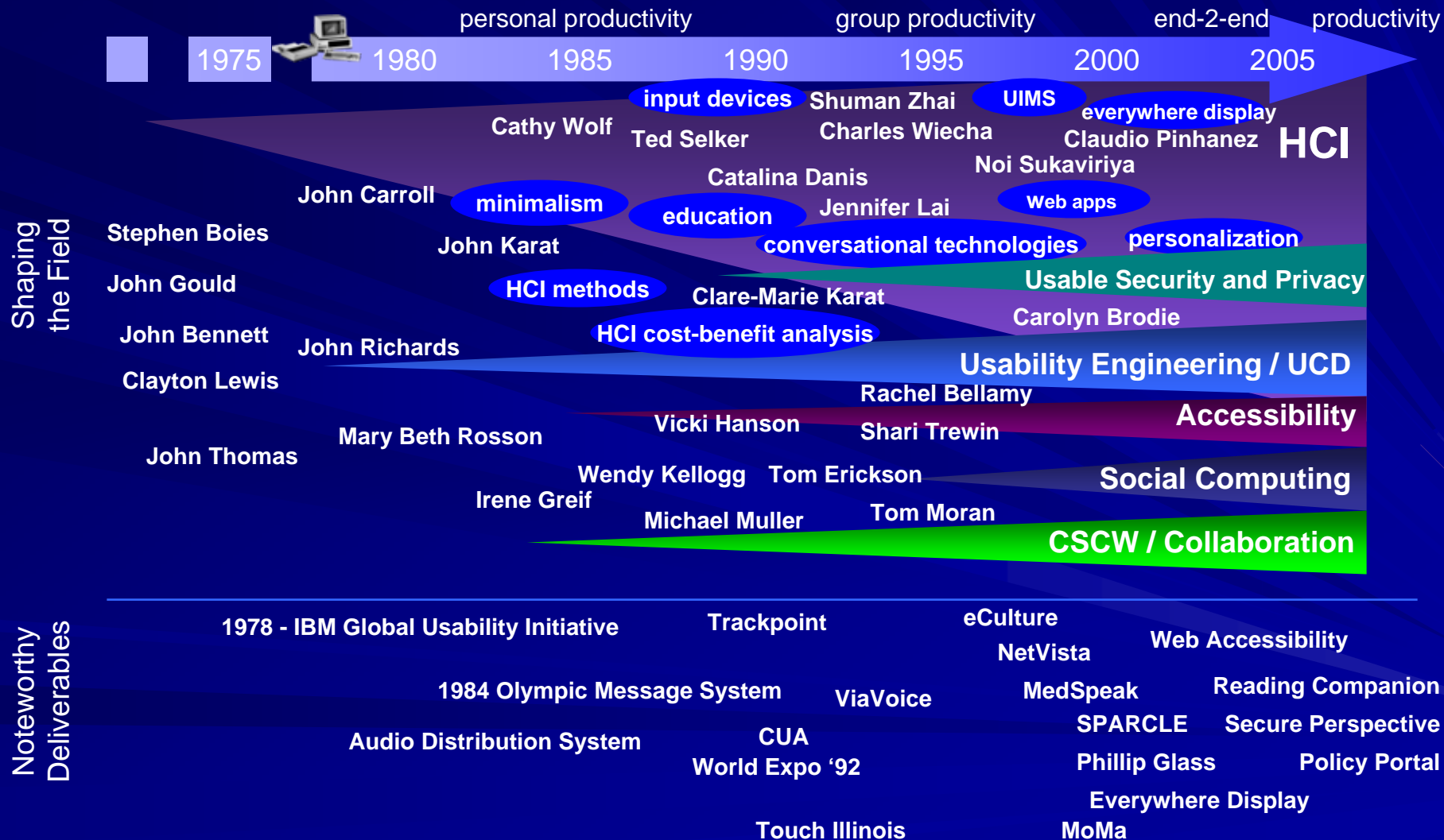
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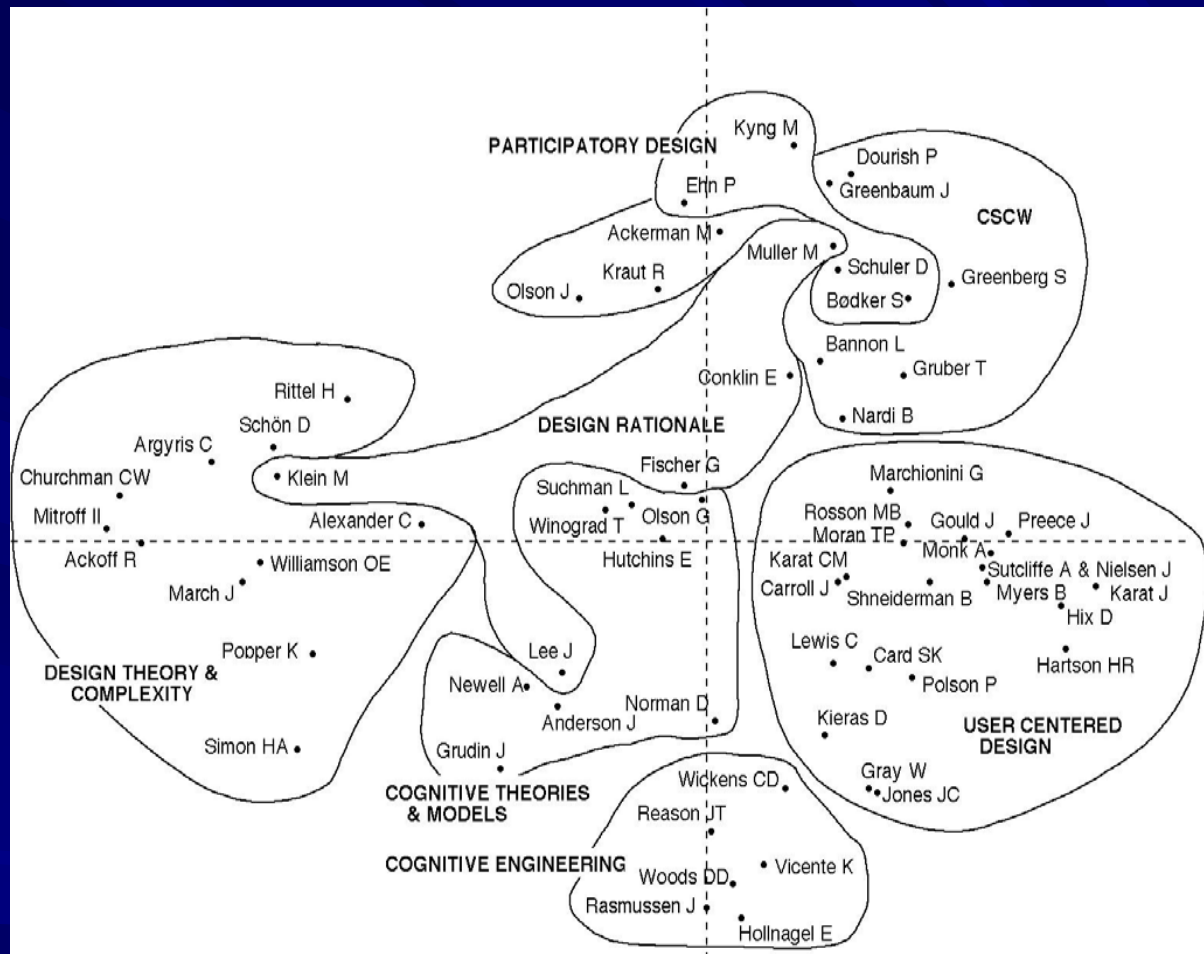
My Journey

- Ph.D. in Social Psychology in 1982
- Applied research and development as part of Office of the Inspector General, 1982-87
- Joined IBM and HCI community in 1987
- Variety of roles in HCI groups in Development, Research; Business Reengineering Consulting; and HCI and Policy-related Research in Security, Privacy, and Networking.

HCI Research at IBM: A Brief History



HCI Author Cocitation Map (N=64) 1990-2004



This figure shows the results of cluster and multivariate analysis of the top 64 author cocitations in the HCI literature. Source: Wania, Atwood and McCain, *DIS 2006*. reprinted with permission.

Meta-Themes in 25 Years of the HCIL

- Establishing the field of HCI
- Visualization: Summarization in a picture and drill down through hyperlinks
- Design Process by and for Children
- Education
- Access
- Social Policy

25 Years of HCI (1983 to 2008)

- Some movements in HCI
 - From interface to interaction
 - From slow changes in technology to rapid changes
 - From a few users to everyone
 - From office work productivity focus to user experience
 - The emergence of the “Super HCI Person”
 - Incorporating HCI in CS curriculum a slow process

The Future: Balancing Perspectives

- Design AND Evaluation
- HCI Process AND Business Results
- Technology AND Use
- Total User Experience
- Scenarios as the Common Representation
- Maintaining a System Perspective
 - Balancing short term and long range goals
 - Developing a partnership across boundaries of professions, geographies, ...