

## Biographical Statement

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### Research interests

- **Sources of innovation and the determinants of its diffusion within and across countries**
- **Develop taxonomy of innovative capabilities**
- **Measuring the impact of open and globalized corporate management on national innovation system**
- **Measuring the determinants and the impacts of the internationalization of innovation (“innovation offshoring”) through global production and innovation networks**
- **Policy implications for the United States and U.S.-Asia Pacific relations**

Dieter Ernst is a senior fellow in the Economics Study Area of the East-West Center Research Program. This position is at the full professorial level. He is a former senior advisor to the OECD, Paris, and former research director of the Berkeley Roundtable on the International Economy (BRIE) at the University of California at Berkeley. Dr. Ernst has co-chaired an advisory committee of the U.S. Social Science Research Council to develop a new program on Innovation, Business Institutions, and Governance in Asia. He has also served as scientific advisor to several institutions, among them the Organization of Economic Cooperation and Development, the World Bank, the U.N. Conference on Trade and Development, and the U.N. Industrial Development Organization. He holds a Ph.D. in economics from the Universitaet Bremen.

Dr. Ernst has published numerous books and articles in leading journals on internationalization of innovation and the determinants of its diffusion within and across countries. His recent books include *International Production Networks in Asia: Rivalry or Riches* (2000), *Technological Capabilities and Export Success: Lessons from East Asia* (1998), and *Innovation Offshoring – How Global Innovation Networks Transform National Innovation Systems* (forthcoming).

### Publications:

<b>Selected Publications</b>	<b>Ernst, D., 2006, INNOVATION OFFSHORING: Asia’s Emerging Role in Global Innovation Networks, East-West Center Special Report, in cooperation with the U.S. Asia-Pacific Council,</b>
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July [http://www.eastwestcenter.org/res-rp-publicationdetails.asp?pub\\_ID=2006](http://www.eastwestcenter.org/res-rp-publicationdetails.asp?pub_ID=2006).

**Ernst, D., 2006, Can Chinese IT Firms Develop Innovative Capabilities Within Global Knowledge Networks?**, presented at international workshop “Greater China’s Innovative capacities: Progress and Challenges”, co-sponsored by SPRIE/Stanford University and CISTP/ Tsinghua University, May 20-21, 2006, in Beijing, China  
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**Ernst, D., 2006, Developing Innovative Capabilities in Chip Design. Insights from the US and Greater China**, manuscript, East-West Center, Honolulu

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Ernst, Dieter, 2005, “[Complexity and Internationalisation of Innovation: Why is Chip Design Moving to Asia?](#),” in [International Journal of Innovation Management](#), special issue in honour of Keith Pavitt, Vol. 9,1: 47-73

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Ernst, D., 2005, “[The New Mobility of Knowledge: Digital Information Systems and Global Flagship Networks](#),” in: R. Latham and S. Sassen (eds), [Digital Formations. IT and New Architectures in the Global Realm](#), published for the U.S. Social Science Research Council, Princeton University Press, Princeton and Oxford

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