Re-Framing ICT4D: Status Quo and Problem Areas

Focus

- ICT4D

- Breadth and Depth

    - Power/Knowledge

    - Culture

    - Theory & Methods

- Providing a bridge from development studies to ICT4D

Development Theory Phases
(Leys, 1977)

Initial

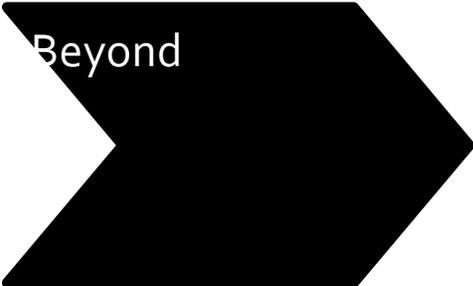Modernization School

Dependency Theory

Neoliberalism

ICTs and Development Stages

Colonial-Pre Internet

Internet-MDGs

Beyond

Problem Areas

"You call this literature?"

Whose development is it anyway?

- Alternative Development

- A question of norms

- Capabilities Approach

Power/Knowledge & Participation

- Post-developmentalists

- Focauldian conception of power

- Participation and Power

The Problem with Culture

- Non-narrativisable?

- Methodological difficulties

- Scalability/Sustainability
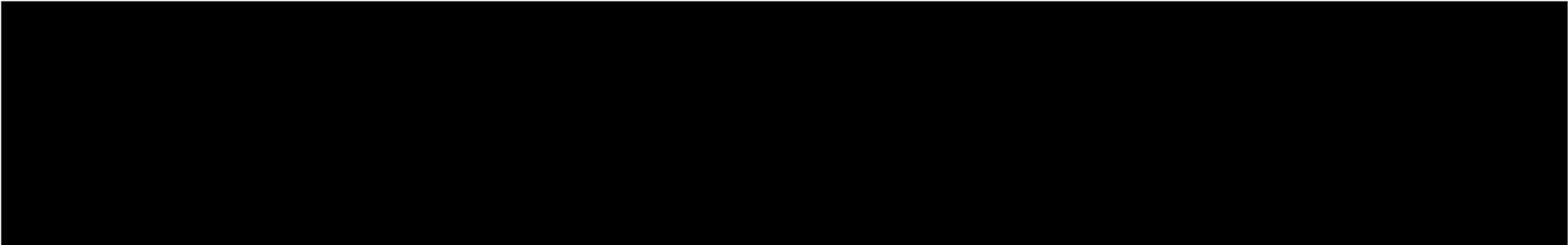
Theory and Methods

- Action orientations

- Atheoretical nature of ICT4D

- Methodological 'third ways'?

- Normative frames

Discussion

- Proof of concept/pilot

- Lack of cross disciplinary work

- 'Project outcomes as development'

- Lack of emphasis on exploratory/evaluation aspects

Recommendations

- Capability Framework

- Power/Knowledge

- Self Reflexivity, Transparency and Framing

- Interdisciplinarity

- Histrocity

Thank you.

References

Burrell, J. and K. Toyama. 2009a. "What Constitutes Good ICTD Research?" Information Technologies and International Development 5:82.

Chambers, Robert. 1981. "Rural poverty unperceived: Problems and remedies." *World Development* 9:1-19.

—. 1999. *Rural development: Putting the last first*

References

Heeks, Richard and Alemayehu Molla. 2008. "Compendium on Impact Assessment of ICT-for-Development Projects." IDRC.

Ho, Melissa, Thomas.N. Smyth, Matthew Kam, and Andy Dearden. 2009. "Human Computer Interaction for Development: The Past, Present and Future." *Information Technologies and International Development* 5:1.

Kam, Matthew, Divya Ramachandran, Varun Devanathan, Anuj Tewari, and John Canny. 2007. "Localized iterative design for language learning in underdeveloped regions: the PACE framework." in *Proceedings of the SIGCHI conference on Human factors in computing systems*. San Jose, California, USA: ACM.

Kleine, Dorothea. 2009. "ICT4what? - using the choice framework to operationalise the capability approach to development." in *Proceedings of the 3rd international conference on Information and communication technologies and development*. Doha, Qatar: IEEE Press.

Kleine, Dorothea and Tim Unwin. 2009. "Technological Revolution, Evolution and New Dependencies: what's new about ict4d?" *Third World Quarterly* 30:1045-1067.

References

Luk, Rowena, Matei Zaharia, Melissa Ho, Brian Levin, and Paul M. Aoki. 2009. "ICTD for Healthcare in Ghana: Two Parallel Case Studies." Pp. 118-128 in *Proceedings of the 3rd international conference on Information and communication technologies and development*. Doha, Qatar.

Ransom, John S. 1997. *Foucault's Discipline : The Politics of Subjectivity*.

Ratan, Aishwarya Lakshmi and Savita Bailur. 2007. "Welfare, agency and "ICT for Development"." *2007 International Conference on Information and Communication Technologies and Development*:1-12.

Sen, Amartya K. 1999. "Development as Freedom." Nueva York, EUA : Anchor Books.

Spivak, Gayatri Chakravorty. 1988. *Can the Subaltern Speak?*: Turia & Kant.

—. 1999. *A critique of postcolonial reason: Toward a history of the vanishing present*.

Sutinen, Erkki and Matti Tedre. 2010. "ICT4D: A Computer Science Perspective." Pp. 221-231 in *Algorithms and Applications*.

Field and Subfields
Adapted from (Ho et al., 2009)

- Click to edit Master text styles
  - Second level
  - Third level
    - Fourth level
      - Fifth level

ICTD

ICT4D

ICTs Development

Developing Countries