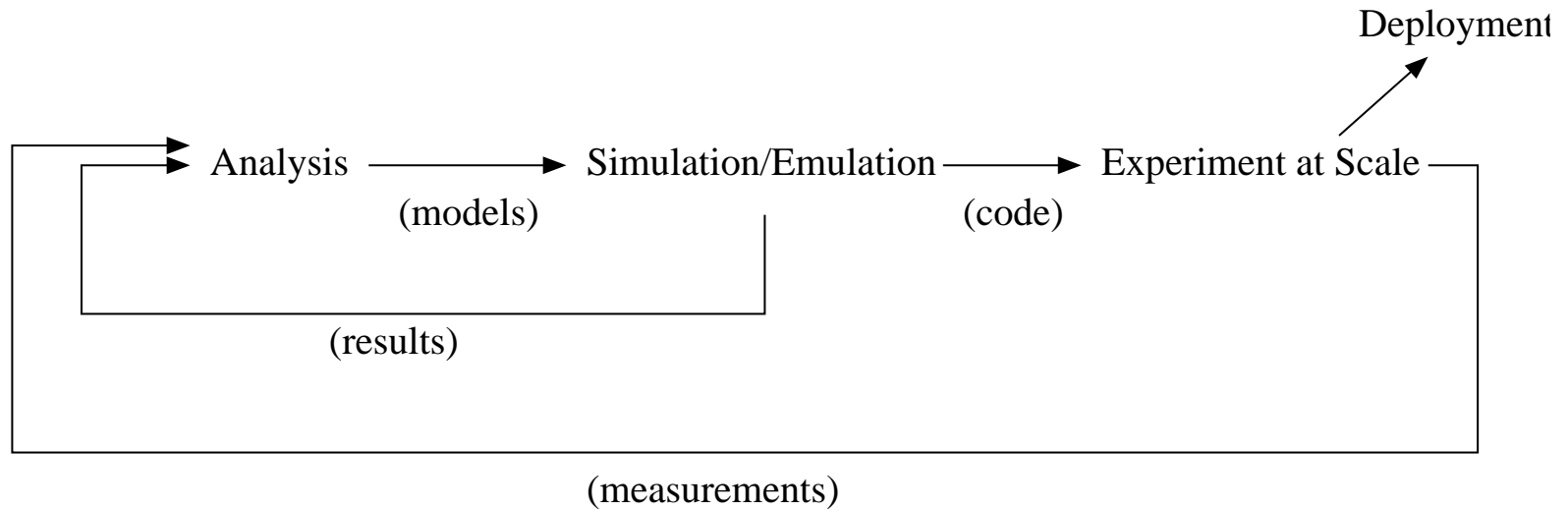


Optical Networking Research: Decline or Resurgence?

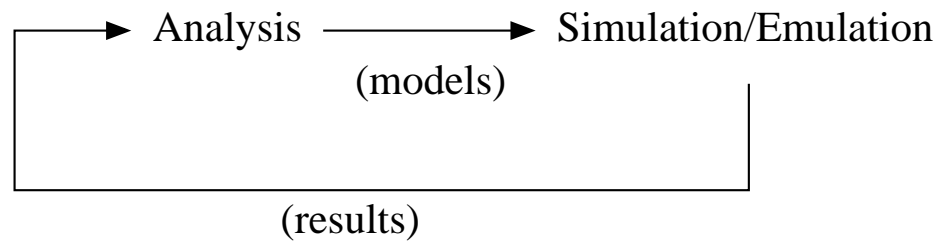
George N. Rouskas

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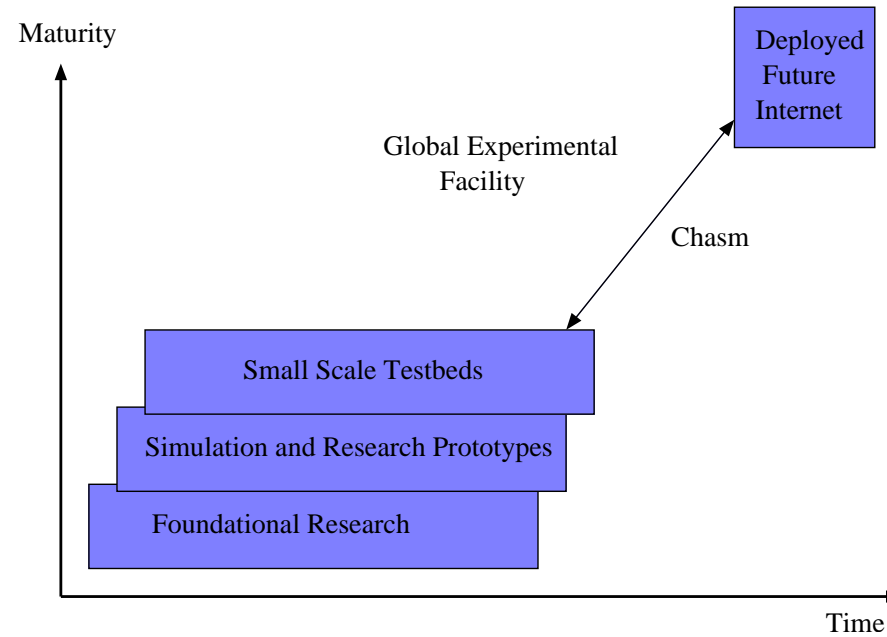
Research Cycle



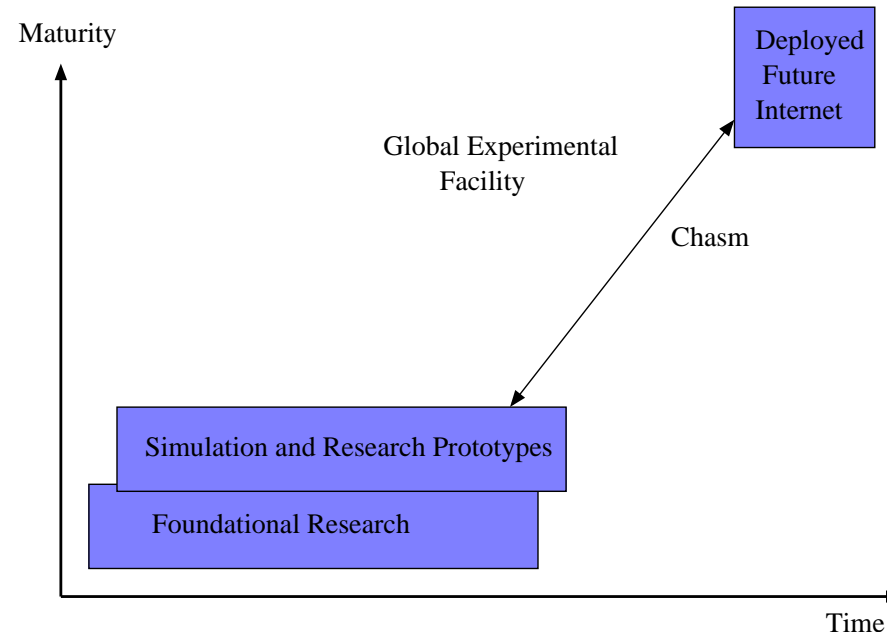
Research Cycle



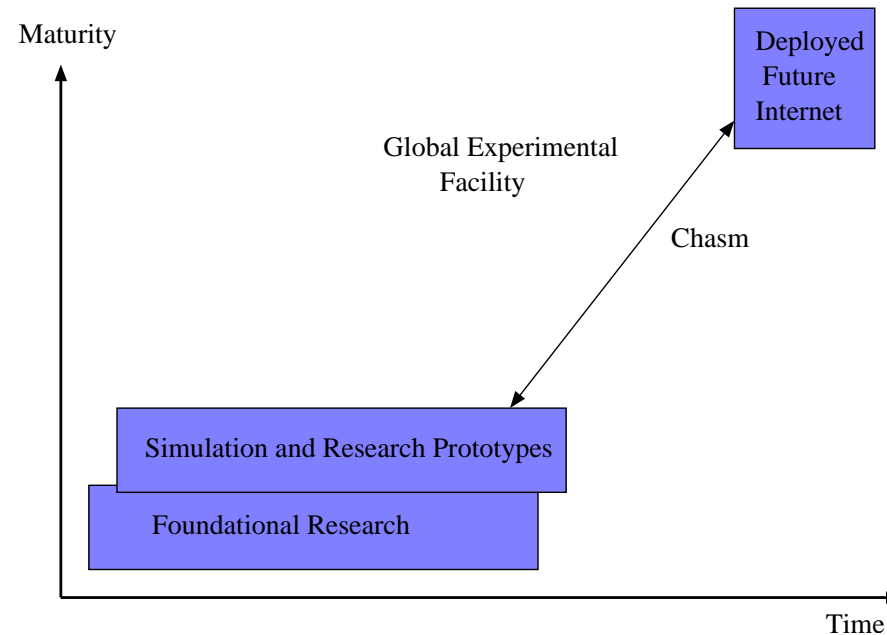
Opportunities for Optical Network Research: GENI



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Opportunities for Optical Network Research: GENI



Use of optical components to:

1. create topologies in real time for experiments
2. support experimentation with optical features

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 - especially WDM PONs
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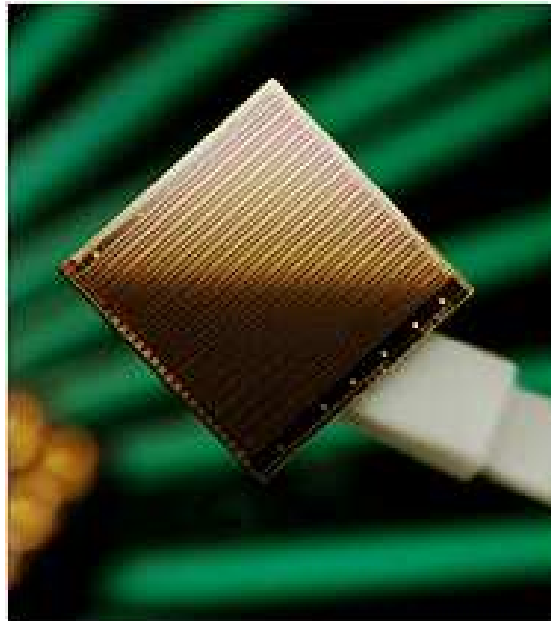
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- Optical multicast
- Control plane
- Good network planning tools

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 - Matisse Networks announces EtherBurst optical switch (9/18/2006)

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