

# General Observations on WiMAX Application Performance

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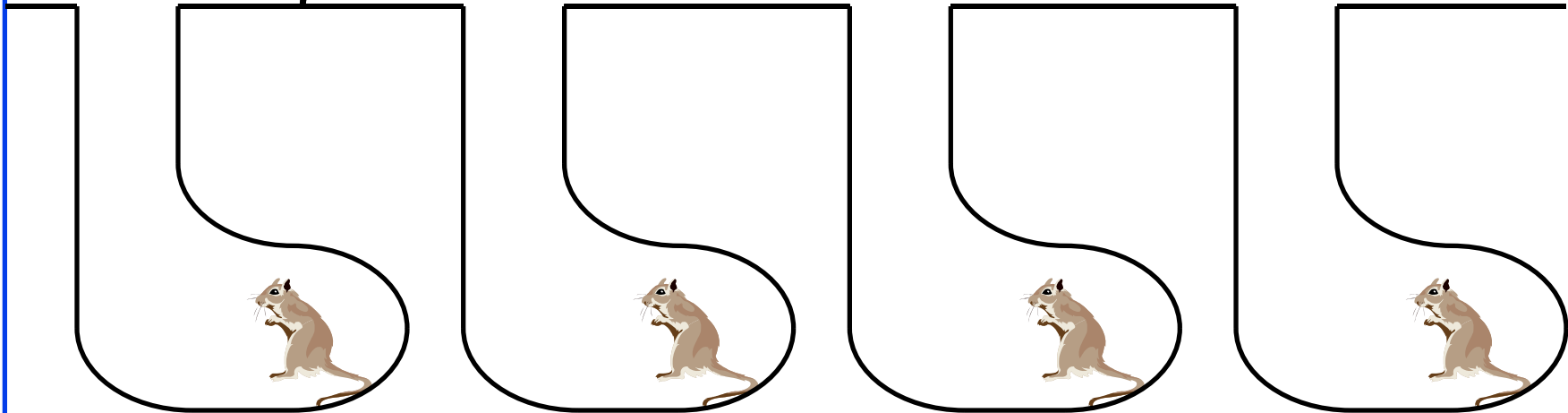
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These slides are available on-line at:

<http://www.cse.wustl.edu/~jain/talks/wimax602.htm>

# Performance: Rat Holes



Configuration

Workload

Metrics

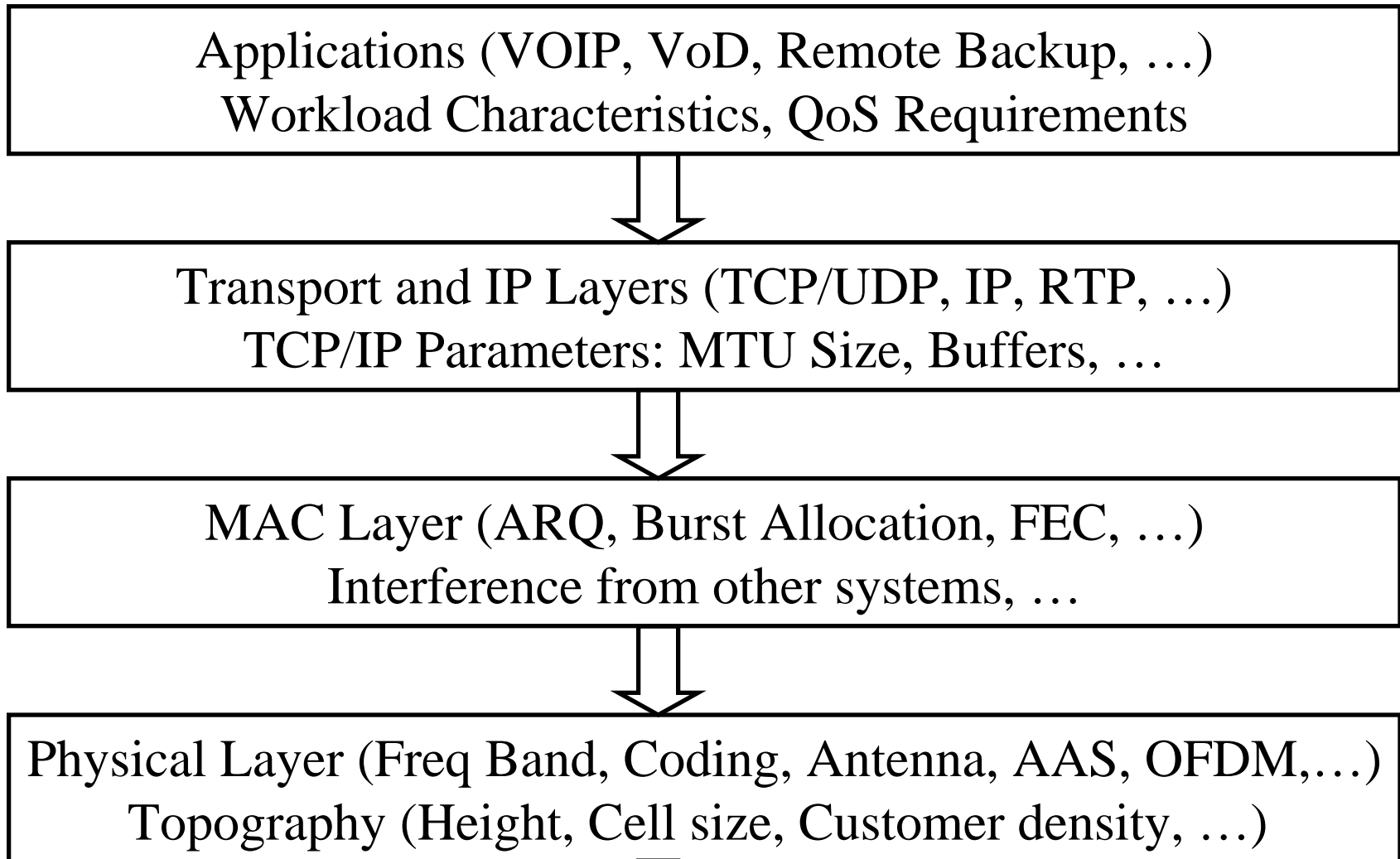
Timeliness

- **Ref:** Raj Jain, “The Art of Computer Systems Performance Analysis”, Wiley, 1991 (Winner of best systems book award 1991).

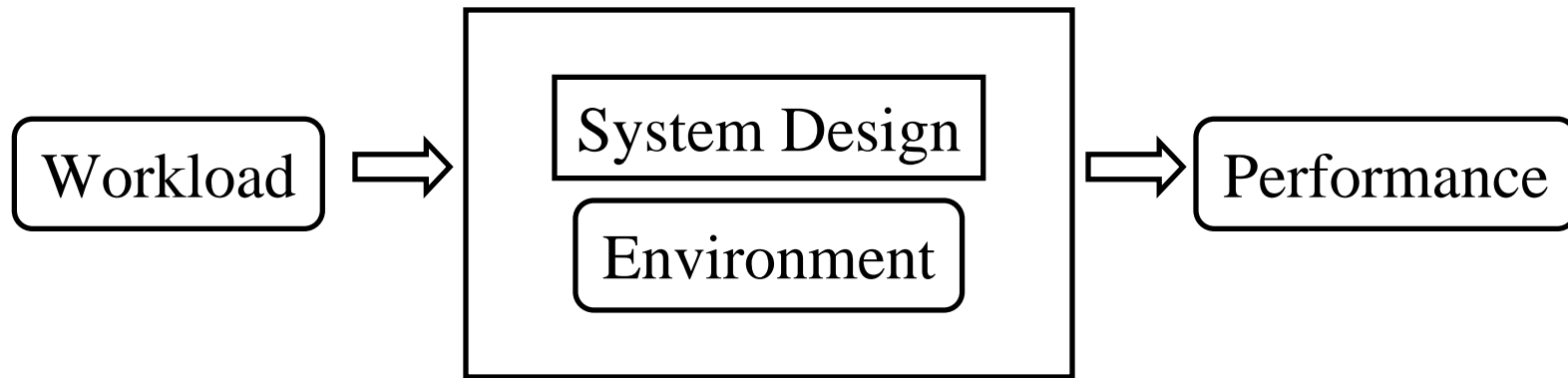
# Simulation Modeling Subteam

- ❑ Shyam P. Parekh, Lucent
- ❑ Yaron Alpert, Alvarion
- ❑ Shivaram Nayudu, Venturi Wireless
- ❑ Bong Ho Kim, Pos Data

# WiMAX Model Components



# Performance Standardization



- ❑ Standardized set of Applications (Application Profiles)
- ❑ Standardized workload characteristics (Workload Profiles)
- ❑ Standardized Environment (Environment Profiles)
- ❑ Standardized Performance (QoS Metrics Profiles)
- ❑ Expert Opinion: Most important metrics and characteristics