

# Artificial Intelligence and the Internet

- **Internet -> AI**
  - There is a lot of data sets about IP network performance
  - Traditional analysis may be complement by machine learning especially in complicated topologies or rapidly time-varying settings
  - The design of a particular component network or a performance monitor could use tools from ML to learn and refine the design beyond NM
- **AI->Internet**
  - More and more the “users” of the networks will be “intelligent” devices
  - What are their requirements?
    - Amount and nature of the generated data
    - Delay and delay sensitivity
  - Need new paradigms/protocols?

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Use cases?

What could the the gains?

IRTF Focus for now?

Interest in AI->Internet or Internet-AI?

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and we can meet this week or later to discuss  
future steps