Proposal for IRTF Research Group: Proactive Analytics and Intelligence for Network Protection
(PAIN-Protection)

IETF124 Montreal – Side Meeting

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PAIN-P Agenda

- IETF Note Well

- Goals & strawman charter. Thomas Hardjono. [15 mins]

- Sandy Pentland (Stanford), "Authenticated and stable Agentic Communications" [30 mins]

- Jeremy Kepner (MIT): "What is Normal? A Big Data Observational Science Model of Anonymized Internet Traffic." [30 mins]

- Kimberly Claffy (UCSD), "CAIDA Presentation". [30 mins]

- Open discussion and Next Steps

Stawman charter: https://github.com/irtf-painp/charter

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Goals

- Explore the use of data analytics, agentic-AI and computational intelligence techniques to proactively address growing network cybersecurity challenges

- Explore how these technologies may affect (alter) the traditional Enterprise network architecture and functions

- Explore strategies for technology-transfer into next-gen products and services (e.g. A2A Protocol)

Stawman charter: https://github.com/irtf-painp/charter

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Open Discussion and Next Steps

- Suitability for a new RG
  - What is the scope?
  - Does it fit into existing RG?
- Discussion mailing-list: painp@mit.edu

  https://mailman.mit.edu/mailman/listinfo/painp

Thank You and Q&A

Title

- Heading 1
  - Heading 2
  - Heading 2