



Institute for the Wireless Internet of Things

at Northeastern University

Final Remarks

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Platforms for Advanced
Wireless Research



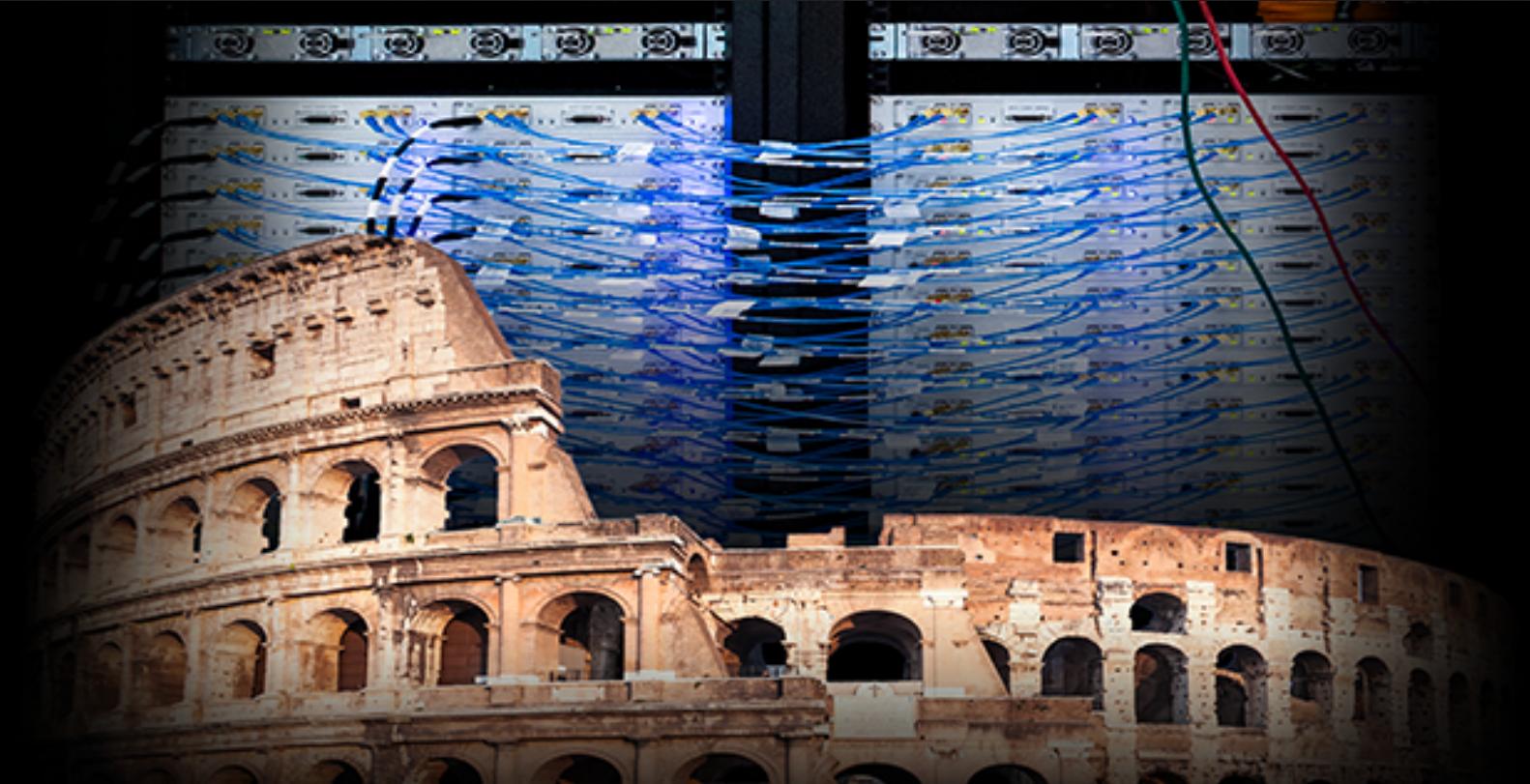
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Links to Colosseum Resources and Documentations

- Colosseum Home Page
 - <http://colosseum.net>
 - <https://northeastern.edu/colosseum>
- Colosseum Experiment Portal
 - <https://experiments.colosseum.net>
- Freshdesk Users Support
 - Knowledge Base: <https://colosseumneu.freshdesk.com/support/solutions>
 - Helpdesk: <https://colosseumneu.freshdesk.com/support/tickets>
- Colosseum Users Google Group
 - <https://groups.google.com/g/colosseum-users>
- Contact Email Address: colosseumhelp@northeastern.edu

Selected Publications

- L. Bonati, S. D'Oro, S. Basagni, and T. Melodia, "*SCOPE: An Open and Softwarized Prototyping Platform for NextG Systems*," in Proceedings of ACM MobiSys, Virtual Conference, June 2021
- M. Tehrani-Moayyed, L. Bonati, P. Johari, T. Melodia, and S. Basagni, "*Creating RF Scenarios for Large-Scale, Real-Time Wireless Channel Emulators*," in Proceedings of MedComNet, Virtual Conference, June 2021
- L. Bonati, S. D'Oro, M. Polese, S. Basagni, and T. Melodia, "*Intelligence and Learning in O-RAN for Data-driven NextG Cellular Networks*," IEEE Communications Magazine (to appear), 2021
- B. Casasole, L. Bonati, S. D'Oro, S. Basagni, A. Capone, and T. Melodia, "*QCell: Self-optimization of Softwarized 5G Networks through Deep Q-learning*," in Proceedings of IEEE GLOBECOM (to appear), Madrid, Spain, December 2021
- L. Bonati et al. "[Colosseum: Large-Scale Wireless Experimentation Through Hardware-in-the-Loop Network Emulation](#)," submitted to IEEE DySPAN 2021



**Thank you for attending!
You are now officially a Gladiator!**



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