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**Theme: Information
Theory & Error
Correcting Codes**



In this episode, we will take a tour in the fascinating field of information theory and error correcting codes with Prof. Muriel Medard, EECS, MIT.

Title: Deviation from the standard — toward opening up 6G telecommunications

Muriel Medard, IEEE Fellow

**Electrical Engineering & Computer Science,
Massachusetts Institute of Technology**

Muriel Médard is the NEC Professor of Software Science and Engineering in the Electrical Engineering and Computer Science (EECS) Department at MIT and leads the Network Coding and Reliable Communications Group at the Research Laboratory for Electronics at MIT. She obtained three Bachelors degrees, her M.S., and Sc.D., all from MIT. She is known for her work in reliable communications and networking, blending theoretical developments with practical implementations. She is a member of multiple learned academies and has received many awards for her research, her mentoring work, and her service to the field of communications. She currently serves as the Editor-in-Chief of the IEEE Transactions on Information Theory. Muriel has over sixty US and international patents awarded; co-founded two companies; and supervised over 40 master students, over 20 doctoral students, and over 25 postdoctoral fellows.

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