電気工学特別講義
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イントロダクション

OU EE ES Lecture Series June [13, 20, 27], 2017 Lecture introduction

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Who I am
自己紹介

Professional Internet Engineer

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Guest Researcher at Pepabo R&D Institute, GMO Pepabo, Inc.

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Working on: Erlang, Elixir, C, FreeBSD, TCP/IP, PHP, mruby, C#, Moodle, macOS, Windows, Vim, Emacs, Arduino, AVR, radio, music, distributed systems, fault tolerance, whatever.

27 years in Computer Science, 12 years since PhD, 41 years of ham radio op as @jj1bdx, 2010-2012: Professor, ACCMS/IIMC, Kyoto University, whatever.

… those past records are completely meaningless unless *you are working on what you really want to do right now*. So **ignore them**.

Lecture theme

Failed computer networks

Failed?

Yes, about *failed* systems.

Modern life is full of failures

How computer networks fail?

False assumption 1: everything can be *shared without errors*

False assumption 2: everything can be *distributed without errors*

False assumption 3: *people can correctly use computer networks*

Summary

Sharing fails

Distribution fails

People go wrong

OK let's get down to business!