HKUSTx: ELEC1200.1x A System View of Communications: From Signals to Packets (Part 1)

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Courseware (/courses/HKUSTx/ELEC1200.1x/3T2014/courseware) Course Info (/cou

Course Info (/courses/HKUSTx/ELEC1200.1x/3T2014/info)

Course Outline (/courses/HKUSTx/ELEC1200.1x/3T2014/05fb01b36df14eb99ab54545dabc47f6/)

Grading Scheme (/courses/HKUSTx/ELEC1200.1x/3T2014/6e2be4dac3e44b4d9f812e7b5a5d5a29/)

<u>a</u> | Instructors (/courses/HKUSTx/ELEC1200.1x/3T2014/674fdd6887fe4f4bb73b984df4a5675b/)

rkesources (/courses/HKUSTx/ELEC1200.1x/3T2014/a6a8267fef364cccbccd0128d091f11c/)

Discussion (/courses/HKUSTx/ELEC1200.1x/3T2014/discussion/forum)

Progress (/courses/HKUSTx/ELEC1200.1x/3T2014/progress)



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Bertram E. Shi received the B.S. and M.S. degrees in electrical engineering from Stanford University in 1987 and 1988. He received the Ph.D. degree in electrical engineering from the University of California in 1994. He then joined HKUST, where he is currently a Professor in the Department of Electronic and Computer Engineering and the Division of Biomedical Engineering. His research interests are in bio-inspired signal processing and robotics, neuromorphic engineering, computational neuroscience, machine vision, image processing, and machine learning. Prof. Shi is an IEEE Fellow and has twice served as Distinguished Lecturer for the IEEE Circuits and Systems Society. He is an Associate Editor for the IEEE Transactions on Biomedical Circuits and Systems and Frontiers in Neuromorphic Engineering.



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Shenghui Song joined HKUST in 2009, where he is currently an Assistant Professor of Engineering Education at the Department of Electronic and Computer Engineering. His research is primarily in the areas of channel modeling, capacity analysis, and diversity reception over fading channels with current focus on HetNets, Cooperative Communications, Interference Management, and Cognitive Radio Networks. Dr. Song is also interested in the research on Engineering Education and is now serving as an Associate Editor for the IEEE Transactions on Education. He has won several teaching awards including the Best Ten Lecturers, the School of Engineering Distinguished Teaching Award, and the Teachers I Like Award.

1 of 2 09/25/2014 03:05 PM

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2 of 2 09/25/2014 03:05 PM