



NEWCOM Autumn School



Estimation theory for wireless communications

Ecole Nationale Supérieure des Télécommunications, Paris, France, October 24-28, 2005

Final Program

October 24th

- 9h00 - 10h30 Brief review on estimation theory by *K. Abed-Meraïm*
10h45 - 12h15 Synchronization issue in single carrier system by *M.L. Boucheret*
Lunch
14h00 - 15h30 Synchronization for OFDM system (I) by *M.L. Boucheret*
15h45 - 17h15 Synchronization for OFDM system (II) by *M.L. Boucheret*

October 25th

- 9h00 - 10h30 Training based channel estimation (I) by *W. Hachem*
10h45 - 12h15 Training based channel estimation (II) by *W. Hachem*
Lunch
14h00 - 15h30 Blind equalization (I) by *K. Abed-Meraïm*
15h45 - 17h15 Blind equalization (II) by *K. Abed-Meraïm*

October 26th

- 9h00 - 10h30 Frequency estimation and associated lower bounds by *P. Ciblat*
10h45 - 12h15 Channel estimation in UWB systems by *P. Ciblat*
Lunch
14h00 - 15h30 Channel estimation for OFDM system by *M. Ghogho*
15h45 - 17h15 Blind synchronization for OFDM system by *M. Ghogho*

October 27th

- 9h00 - 10h30 Attendees talks by *A. Renaux, F. Rubio, T. Wo*
10h45 - 12h15 Turbo-estimation (I) by *L. Vandendorpe*
Lunch
14h00 - 15h30 Turbo-estimation (II) by *L. Vandendorpe*
15h45 - 17h15 Turbo-estimation (III) by *L. Vandendorpe*

October 28th

- 9h00 - 10h30 Mobile localization (I) by *K. Abed-Meraïm*
10h45 - 12h15 Mobile localization (II) by *K. Abed-Meraïm*

Notice that all the lectures take place at Room "Estaunié", except on Thursday afternoon (Room "Thévenin").

