



# TTC Meeting at Saclay, July 5 - 8, 2016

## jeudi 7 juillet 2016

### Working Groups 3 & 4 (common session) - Room 112 (09:00 - 12:30)

-Présidents de session: Sarah Aull; Anna Grassellino; Kensei Umemori; Sergey Belomestnykh; Erk Jensen; Jiankui Hao

time	[id] title	presenter
09:00	[37] Introduction to the session	Dr GRASSELLINO, Anna
09:10	[38] What maximum gradients can state of the art SRF cavities achieve with ILC treatment? (XFEL production data)	Dr WALKER, Nicholas
09:30	[39] Is current state of the art in FE an obstacle to 40 MV/m (and beyond) operation?	Dr GENG, Rongli
09:50	[40] New low T nitrogen treatments cavity results with record gradients and Q	Dr ADERHOLD, Sebastian
10:10	[41] Discussion	
10:30	coffee break	
11:00	[42] New insights for reaching higher gradients from muSR samples studies	LAXDAL, Robert
11:20	[43] Estimated gradient limitation insights for different surface processing from klystron measurements	M. MANISCALCO, James
11:40	[44] Reaching higher gradients in bulk Nb with nano-layer coating	Dr KUBO, Takayuki
12:00	[45] Ultimate gradient limitation in Nb SRF cavities, the by-layer model and prospects for high Q at high gradient	CHECCHIN, Mattia
12:20	[46] Discussions	