



# WPSA General Planning Meeting

## Tuesday, 6 September 2022

### Topic session: (Remote) data access and IC tools - Room 1 (16:00 - 17:30)

-Conveners: Eva Belonohy

time	[id] title	presenter
16:00	[79] Session Agenda & Notes	Dr BELONOHY, Eva
16:01	[9] Update on changes to data access and tools	DE TOMMASI, Gianmaria
16:20	[10] Python tools	IAFRATI, Matteo
16:40	[11] Discussion on tool needs to be prepared for IC	Dr BELONOHY, Eva
17:00	[12] 2023 REC plans	IMBEAUX, Frederic DE TOMMASI, Gianmaria
17:20	[13] Discussion	Dr BELONOHY, Eva

# Wednesday, 7 September 2022

## Topic session: IC 2023 plans - Room 1 (09:00 - 10:30)

time	[id] title	presenter
09:00	[35] 2023 IC preparations	Dr BELONOHY, Eva
09:10	[36] Cryo and magnets	NICOLLET, Sylvie
09:20	[37] Vacuum conditioning - ECWC	BUERMANS, Johan
09:30	[38] Equilibrium control	DE TOMMASI, Gianmaria
09:40	[41] Magnetics	PIGATTO, Leonardo
09:50	[42] Discussion	Dr BELONOHY, Eva

## Topic session: IC 2023 preparation - First plasma - Room 1 (11:00 - 12:30)

-Conveners: Eva Belonohy

time	[id] title	presenter
11:00	[43] Introduction	Dr BELONOHY, Eva FALCHETTO, Gloria
11:10	[44] Breakdown modelling w/o booster	MATTEI, Massimiliano
11:30	[45] Feasibility of the EDICAM camera for runaway electron detection in JT-60SA disruptions	POKOL, Gergo
11:40	[46] Discussion on how to detect runaways in IC2023	Dr BELONOHY, Eva PUCELLA, Gianluca
12:00	[47] Discussion	Dr BELONOHY, Eva FALCHETTO, Gloria

## Topic session: Discharge simulator and scenario modelling: core transport, MHD & Fast particles stability, RWM control, ELMs - Room 1 (14:00 - 17:45)

-Conveners: Gloria Falchetto

time	[id] title	presenter
14:00	[81] Session introduction	FALCHETTO, Gloria
14:01	[59] Introduction: discharge simulator for experiment preparation	Dr JOFFRIN, Emmanuel
14:10	[60] Development status and plans	MATTEI, Massimiliano
14:30	[61] Simulator test cases	GIRUZZI, Gerardo
14:50	[62] Discussion on scope, scenario revision and needs	FALCHETTO, Gloria
15:20	[63] Scenario modelling status and plans	GARZOTTI, Luca
15:40	[65] Discussion on advanced modelling needs	GARZOTTI, Luca
16:00	coffee break	
16:30	[66] Limits of nominal scenarios : MHD / RWM control	PIGATTO, Leonardo
16:40	[83] MHD stability workflow	COELHO, Rui
16:55	[80] Non-linear MHD simulation of pellet triggered ELMs	FUTATANI, Shimpei

17:05	[78] Heat loads caused by REs	CALLOUD, Jakub
17:15	[67] Fast particles modelling	LAUBER, Philipp

# Thursday, 8 September 2022

## Topic session: Real-time control and protection - Room 1 (09:00 - 10:00)

-Conveners: Eva Belonohy

time	[id] title	presenter
09:00	[82] Session Introduction	Dr BELONOHY, Eva
09:05	[22] Scientific real-time networks	FICKER, Ondrej Dr HALL, Stephanie
09:30	[23] Discussion on 2023 plans	Dr BELONOHY, Eva

## Topic session: FP9 Enhancements - including synthetic diagnostics - Room 1 (10:30 - 12:30)

-Conveners: Juan Ayllon-Guerola

time	[id] title	presenter
10:30	[48] Introduction	AYLLON-GUEROLA, Juan
10:35	[49] Tangential Phase Contrast Imaging System	CODA, Stefano
10:45	[54] Doppler Reflectometry System	CARRALERO, Daniel
10:55	[50] Gamma Diagnostics	NOCENTE, Massimo KIPTILY, Vasily
11:10	[51] Neutron Diagnostics	ANGELONE, Maurizio LASZYNSKA, Ewa ERIKSSON, Jacob
11:25	[52] EC Stray Detection System	MORO, Alessandro
11:35	[53] Beam Emission Spectroscopy System	DUNAI, Daniel
11:45	[55] Ultra-Fast Reflectometry Upgrade	CLAIRET, Frederic
11:55	[58] Discussion	

## Topic session: Preparation of the FP8 enhancements commissioning - Room 1 (14:00 - 16:00)

time	[id] title	presenter
14:00	[24] Introduction	Dr BELONOHY, Eva
14:05	[25] EDICAM camera	SZEPESI, Tamas
14:15	[26] FILD (including synthetic diagnostics)	AYLLON-GUEROLA, Juan
14:25	[30] Divertor cryopump system	DAY, Christian
14:35	[27] Pellet system	LANG, Peter
14:45	[28] Pellet system - Plan B	PLOECKL, Bernhard
14:55	[29] MGI	DIBON, Mathias
15:05	[31] VUV system	FASSINA, Alessandro
15:15	[32] TS system	D'ISA, Federico Antonio
15:25	[34] Discussion	Dr BELONOHY, Eva

**Topic session: Edge/divertor modelling - Room 2 (14:30 - 16:00)****-Conveners: Gloria Falchetto**

time	[id] title	presenter
14:30	[85] Session introduction	FALCHETTO, Gloria
14:31	[71] Status and plans of benchmark SOLPS/SONIC	RUBINO, Giulio
14:40	[68] Initial research phase scenario edge/SOL modelling	GALAZKA, Krzysztof BALBINOT, Luca CHMIELEWSKI, Piotr
15:10	[70] Discussion on equilibria / strike point positions	FALCHETTO, Gloria
15:40	[57] Initial assessment of Langmuir Probes for JT-60SA	BALBINOT, Luca

**Topic session: Disruption avoidance techniques - Room 1 (16:30 - 17:40)****-Conveners: Gianluca Pucella**

time	[id] title	presenter
16:30	[69] Introduction	PUCELLA, Gianluca
16:40	[75] Disruption trigger alarm - development status and plans	VEGA, Jesus
17:00	[76] Operational tools	BELONOHY, Eva
17:05	[84] Disruption modelling tools validation	VILLONE, Fabio
17:15	[77] Discussion on task objectives	