

1st ARIES Annual Meeting

Wednesday, 23 May 2018

Plenary Meeting - Session 2: Introduction, Training, Communication (14:00 - 15:30)

-Conveners: Tord Johan Carl Ekelof

time	[id] title	presenter
14:00	[1] Welcome from the Deputy Vice-rector for Research RTU	JUHNA, Talis TORIMS, Toms
14:20	[2] Welcome from ARIES Coordinator and activity report	VRETENAR, Maurizio
14:40	[3] Communication, training and outreach: report from WP2	BURROWS, Philip Nicholas
15:00	[4] Progress towards the e-learning course on accelerator science	DELERUE, Nicolas
15:20	[5] Dissemination and communication: video, social media, booklets	MULLER, Romain

Plenary Meeting - Session 2: Technologies (15:50 - 18:20)

-Conveners: Chmielewski Andrzej

time	[id] title	presenter
15:50	[55] Accelerator Performance and Concepts, report from WP6	ZIMMERMANN, Frank
16:10	[6] Ultra-low emittance rings, report from WP7	Prof. BARTOLINI, Riccardo
16:30	[7] Optics characterisation at ANKA including the high wiggler field	ZISOPOULOS, Panagiotis
16:50	[8] Advanced diagnostics, report from WP8	FORCK, Peter
17:05	[10] Intense RF modulated e-beams, report from WP16	ONDREKA, David
17:20	[11] Design of the Electron gun for the GSI space charge compensation lens	SCHULTE-URLICHS, Kathrin
17:40	[12] Design of the test stand for the CERN and GSI electron lenses	SADOVICH, Sergey

Thursday, 24 May 2018

Plenary Meeting - Session 2: Materials and magnets (08:30 - 10:35)

-Conveners: Robert Ruprecht

time	[id] title	presenter
08:30	[37] Materials for extreme thermal management, report from WP17	BERTARELLI, Alessandro
08:50	[38] Material testing with extreme beams, report from TNA WP10	KADI, Yacine
09:05	[39] Radiation induced changes in tungsten under pulsed heavy ion exposure at UNILAC-GSI	HABAINY, Jemila
09:25	[40] Dynamic testing and characterisation of advanced materials in the MultiMat experiment at HiRadMat	PASQUALI, Michele
09:45	[41] Testing of advanced RF structures, report from TNA WP12	RUBER, Roger
10:00	[42] Testing of magnets and components at cryogenic temperatures, report from TNA WP9	BAJKO, Marta
10:15	[43] The ARIES HTS cable programme	SENATORE, Carmine

Plenary Meeting - Session 2: New concepts and technique, beam tests stands (11:00 - 12:55)

-Conveners: Peter Mcintosh

time	[id] title	presenter
11:00	[18] EuroNNAC activities, report from WP5	DORDA, Ulrich
11:20	[19] Plasma beam testing, report from the TNA WP13	CROS, Brigitte
11:35	[20] Very high gradient acceleration techniques, report from WP18	SPECKA, Arnd Ernst
12:05	[21] Comprehensive simulations of distortions and their mitigations related to measurements with ionisation profile monitors	VILSMEIER, Dominik
12:25	[22] Testing with beams, report from the TNA WP11	SCHWINDLING, Jerome
12:40	[23] Status at IPHI facility	MARCHAND, Claude

Plenary Meeting - Session 2: Applications and technologies (14:00 - 15:30)

-Conveners: Toms Torims

time	[id] title	presenter
14:00	[56] Cultural Programme	TORIMS, Toms
14:05	[24] Innovation at ARIES, report from WP14	LOSASSO, Marcello
14:30	[25] Development of metallic and ceramic composites for accelerators	CARRA, Federico
14:50	[26] The Sushi test at SM18	BARNA, Daniel
15:10	[27] Industrial and societal applications, report from WP3	EDGECOCK, Rob

Plenary Meeting - Session 2: Future technologies (16:00 - 18:00)

-Conveners: Angeles Faus-Golfe

time	[id] title	presenter
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16:00	[28] Studies of marine diesel engine exhaust gas treatment	ZWOLINSKA, Ewa
16:20	[29] Molybdenum 99 production using an electron beam	NAGEL, Candice
16:40	[30] Efficient energy management at accelerators, report from WP4	SEIDEL, Mike
17:00	[31] Energy-efficient design of the SINQ spallation neutron source moderator	CHARLES, Yoann
17:20	[32] Thin film coatings for superconducting cavities, report from WP15	Dr MALYSHEV, Oleg
17:40	[33] Surface preparation of samples prior to thin film deposition	PIRA, Cristian

Friday, 25 May 2018

Plenary Meeting - Session 2: New perspectives (08:30 - 10:40)

-Conveners: **Maria Enrica Biagini**

time	[id] title	presenter
08:30	[13] The gamma factory	KRASNY, Mieczyslaw
09:00	[14] The muon collider	BOSCOLO, Manuela
09:30	[15] ALEGRO, the Advanced linear collider study group	MUGGLI, Patric
10:00	[16] Generation of positrons using laser-plasma electron beams	Dr ALEJO, Aaron
10:20	[52] Advances in space charge modelling and mitigations	FRANCHETTI, Giuliano

Plenary Meeting - Session 2: Invited Talks (11:00 - 12:00)

-Conveners: **Maurizio Vretenar**

time	[id] title	presenter
11:00	[35] BELA – Project for Multidisciplinary Research Based on the ECR Ion Source and Linear Accelerator	KULEVOY, Timur
11:30	[34] The SEEIIST Initiative	SAMMUT, Nicholas