

Colloque fabrication additive appliquée à la Physique des deux infinis



Report of Contributions

Contribution ID: 1

Type: **not specified**

Présentation introductive

Thursday, December 13, 2018 9:30 AM (30 minutes)

Presenter: BERNARD, Alain (École Centrale)

Contribution ID: 2

Type: **not specified**

La fabrication additive au CEA

Thursday, December 13, 2018 10:00 AM (30 minutes)

Presenter: SCHUSTER, Frédéric (CEA)

Session Classification: La fabrication additive dans les organismes de recherches sur les deux infinis

Contribution ID: 3

Type: **not specified**

La fabrication additive au CNRS

Thursday, December 13, 2018 10:30 AM (30 minutes)

Presenter: GORNY, Cyril (PIMM)

Session Classification: La fabrication additive dans les organismes de recherches sur les deux infinis

Contribution ID: 4

Type: **not specified**

Fabrication Additive au CERN, Quelques exemples d'application.

Thursday, December 13, 2018 11:30 AM (30 minutes)

Presenter: GÉRARD, Romain (CERN)

Session Classification: La fabrication additive dans les organismes de recherches sur les deux infinis

Contribution ID: 5

Type: **not specified**

Le programme i3D métal à l'IN2P3

Thursday, December 13, 2018 12:00 PM (30 minutes)

Presenter: JENZER, Stephane (LAL)

Session Classification: La fabrication additive dans les organismes de recherches sur les deux infinis

Contribution ID: 6

Type: **not specified**

Le programme CoSTARD à l'IRFU

Thursday, December 13, 2018 12:30 PM (30 minutes)

Presenter: MANIL, Pierre (CEA/IRFU)

Session Classification: La fabrication additive dans les organismes de recherches sur les deux infinis

Contribution ID: 7

Type: **not specified**

Vide et étanchéité

Thursday, December 13, 2018 4:00 PM (30 minutes)

Presenter: MISTRETTA, Eric (LAL)

Session Classification: Les défis pour la qualification des pièces

Contribution ID: 8

Type: **not specified**

Caractérisation et analyse de l'inox 316L en Fabrication Additive

Thursday, December 13, 2018 5:00 PM (30 minutes)

Presenter: SATTONNAY, Gael (LAL)

Session Classification: Les défis pour la qualification des pièces

Contribution ID: 9

Type: **not specified**

Environnements contraints et post traitement

Thursday, December 13, 2018 3:10 PM (30 minutes)

Presenter: LOMELLO, Fernando (CEA)

Session Classification: Les défis pour la qualification des pièces

Contribution ID: **10**

Type: **not specified**

Aimants et moteurs

Session Classification: Les défis pour la qualification des pièces

Contribution ID: 11

Type: **not specified**

Amélioration des propriétés mécaniques d'alliage ALM d'aluminium AlSi10Mg

Thursday, December 13, 2018 4:30 PM (30 minutes)

Presenter: SIMAR, Aude (UCLouvain)

Session Classification: Les défis pour la qualification des pièces

Contribution ID: 12

Type: **not specified**

Discussion

Session Classification: Les défis pour la qualification des pièces

Contribution ID: 13

Type: **not specified**

Conclusions de la journée

Thursday, December 13, 2018 5:30 PM (30 minutes)

Presenters: REPAIN, Philippe (LPNHE); MANIL, Pierre (CEA/IRFU)

Contribution ID: **14**

Type: **not specified**

Introduction

Presenter: ANDRÉ, Jean-Claude (LRGP)

Contribution ID: 15

Type: **not specified**

Conclusions

Friday, December 14, 2018 5:00 PM (30 minutes)

Presenters: DELERUE, Nicolas (LAL); GÉRARD, Romain (CERN)

Contribution ID: 16

Type: **not specified**

Additive Manufacturing for RF and Superconducting RF applications

Friday, December 14, 2018 2:30 PM (30 minutes)

Presenter: GÉRARD, Romain (CERN)

Session Classification: Answering future needs in accelerators and detectors

Contribution ID: 17

Type: **not specified**

Building accelerator components: A 3D-printed Beam Position Monitor

Friday, December 14, 2018 11:30 AM (30 minutes)

Presenter: Dr DELERUE, Nicolas (LAL)

Session Classification: Answering future needs in accelerators and detectors

Contribution ID: 18

Type: **not specified**

Functions concatenation

Session Classification: Answering future needs in accelerators and detectors

Contribution ID: 19

Type: **not specified**

Ways to choose the most suitable AM technique for particle accelerators components

Friday, December 14, 2018 10:00 AM (30 minutes)

Presenter: MORALES CASAS, Adrián (Center of High Energy Physics and Accelerator Technologies - RTU)

Session Classification: Needs of future accelerators and detectors

Contribution ID: 20

Type: **not specified**

Needs for future detectors

Session Classification: Needs of future accelerators and detectors

Contribution ID: 21

Type: **not specified**

Topological optimisation

Friday, December 14, 2018 2:00 PM (30 minutes)

Presenter: JAN, Yannick (CEA)

Session Classification: Answering future needs in accelerators and detectors

Contribution ID: 22

Type: **not specified**

Discussion

Friday, December 14, 2018 4:30 PM (30 minutes)

Session Classification: Answering future needs in accelerators and detectors

Contribution ID: 23

Type: **not specified**

Concaténation de fonctions Application de la F.A. au travers d'un Diagnostic

Thursday, December 13, 2018 2:10 PM (30 minutes)

Presenter: FAISSE, Frédéric (CEA/IRFM)

Session Classification: Nouveau outils pour la conception mécanique

Contribution ID: 24

Type: **not specified**

Optimisation topologique

Thursday, December 13, 2018 2:40 PM (30 minutes)

Presenter: Prof. DUYSINX, Pierre (Université de Liege)

Session Classification: Nouveau outils pour la conception mécanique

Contribution ID: 25

Type: **not specified**

Additive manufacturing for space antennas and RF components

Friday, December 14, 2018 4:00 PM (30 minutes)

Presenter: GONZÁLEZ OVEJERO, David (CNRS/INSIS)

Session Classification: Answering future needs in accelerators and detectors

Contribution ID: 26

Type: **not specified**

Additive Manufacturing of Copper alloys

Friday, December 14, 2018 11:00 AM (30 minutes)

Presenter: BAFFIE, Thierry (CEA/LITEN)

Session Classification: Answering future needs in accelerators and detectors

Contribution ID: 27

Type: **not specified**

Topological optimisation to build a cavity

Friday, December 14, 2018 3:00 PM (30 minutes)

Presenter: GASSOT, Hui Min (IPNO)

Session Classification: Answering future needs in accelerators and detectors

Contribution ID: 28

Type: **not specified**

Présentation de la société Multistation

Thursday, December 13, 2018 2:00 PM (10 minutes)