

ENSAF WORKSHOP

Wednesday 19 October 2016 - Friday 21 October 2016

Centro Nacional de Aceleradores de Sevilla

Libro de resúmenes

Contents

| | |
|--|---|
| Atomki Accelerator Centre.Complex of Seven Low Energy Accelerators. | 1 |
| Beam Tracking Detectors and asociated electronics for FAIR and SPIRAL 2 | 1 |
| CANAM ☒ Center of Accelerators and Nuclear Analytical Methods at NPI Rez | 1 |
| Catalysis of Nuclear Reactions by electrons | 1 |
| Centro Nacional de Aceleradores.Accelerators for a cross-disciplinary research centre in Seville | 1 |
| Connection of NPI CAS with FAIR, CERN and SPIRAL-2 | 1 |
| Detector characterisation and AIDA-2020 transnational access. | 1 |
| Detector characterization at CNA. | 1 |
| Facility overview of the Oslo Cyclotron Laboratory | 2 |
| Ion Beam Applications at Atomki: Multidisciplinary Research | 2 |
| Laboratory for ion beam interactions of the RBI, Zagreb | 2 |
| Nuclear Physics at OCL: From CACTUS to OSCAR | 2 |
| Opening Address. | 2 |
| Operation of the Tandem Accelerator at CNA | 2 |
| Operation of the accelerators at RUBION | 2 |
| Operation of the small accelerators at LNL Legnaro. | 3 |
| Overview of the Laboratory at Bochum | 3 |
| Research activities at Ljubljana tandetron | 3 |
| Round table on accelerator management | 3 |
| Small-scale accelerator facilities in the upcoming NUPECC’s long range plan | 3 |
| Solid He targets for Nuclear Physics Experiments | 3 |
| Status of the Cyclotron U-120M and newly commissioned Cyclotron TR-24 at NPI Rez. | 3 |
| Technical Description of the New Tandetron Laboratoryat ATOMKI | 4 |

| | |
|--|---|
| Technical characteristics of Ljubljana tandetron, multicusp ion source operation and ^3He beam production | 4 |
| Technical operation at CMAM | 4 |
| Technical overview of the Scanditronix MC35 cyclotron at OCL | 4 |
| The CMAM “Centro de Micro Análisis de Materiales” and its facilities | 4 |
| The Ion Beam Laboratory of Instituto Superior Técnico-Universidade de Lisboa: Past and Future | 4 |
| The Tandem accelerator laboratory of NCSR “Demokritos” and the CALIBRA project for its expansion and upgrade | 4 |
| The contribution of the Portuguese Ion Beam Laboratory in the CALIFA programme. . . | 5 |
| Two tandem accelerators and 8 beam lines of the RBI, Zagreb | 5 |

17

Atomki Accelerator Centre.Complex of Seven Low Energy Accelerators.

36

Beam Tracking Detectors and asociated electronics for FAIR and SPIRAL 2

16

CANAM ☒ Center of Accelerators and Nuclear Analytical Methods at NPI Rez

23

Catalysis of Nuclear Reactions by electrons

10

Centro Nacional de Aceleradores.Accelerators for a cross-disciplinary research centre in Seville

22

Connection of NPI CAS with FAIR, CERN and SPIRAL-2

34

Detector characterisation and AIDA-2020 transnational access.

20

Detector characterization at CNA.

15

Facility overview of the Oslo Cyclotron Laboratory

24

Ion Beam Applications at Atomki: Multidisciplinary Research

19

Laboratory for ion beam interactions of the RBI, Zagreb

21

Nuclear Physics at OCL: From CACTUS to OSCAR

9

Opening Address.

30

Operation of the Tandem Accelerator at CNA

26

Operation of the accelerators at RUBION

25

Operation of the small accelerators at LNL Legnaro.

14

Overview of the Laboratory at Bochum

18

Research activities at Ljubljana tandetron

39

Round table on accelerator management

38

Small-scale accelerator facilities in the upcoming NUPECC's long range plan

37

Solid He targets for Nuclear Physics Experiments

28

Status of the Cyclotron U-120M and newly commissioned Cyclotron TR-24 at NPI Rez.

31

Technical Description of the New Tandetron Laboratory at ATOMKI

29

Technical characteristics of Ljubljana tandetron, multicusp ion source operation and ^3He beam production

33

Technical operation at CMAM

27

Technical overview of the Scanditronix MC35 cyclotron at OCL

12

The CMAM “Centro de Micro Análisis de Materiales” and its facilities

13

The Ion Beam Laboratory of Instituto Superior Técnico-Universidade de Lisboa: Past and Future

11

The Tandem accelerator laboratory of NCSR “Demokritos” and the CALIBRA project for its expansion and upgrade

35

The contribution of the Portuguese Ion Beam Laboratory in the CALIFA programme.

32

Two tandem accelerators and 8 beam lines of the RBI, Zagreb