

Common Technological Projects between CERN and Israel

Report of Contributions

Contribution ID: **0**

Type: **not specified**

Visit of the TGC Production Laboratory

Sunday 3 March 2013 09:00 (30 minutes)

Drory Auditorium, Faculty of Physics (located in building 59 in the attached campus map).

Contribution ID: 1

Type: **not specified**

Welcome Words by Vice-President of the Weizmann Institute

Sunday 3 March 2013 09:30 (10 minutes)

Presenter: Prof. GARTY, H. (Weizmann Institute)

Contribution ID: 2

Type: **not specified**

Introduction to ATLAB activities

Sunday 3 March 2013 09:40 (15 minutes)

Presenter: NORDBERG, Markus (CERN)

Contribution ID: 3

Type: **not specified**

Review of Israel-CERN Industrial relations

Sunday 3 March 2013 09:55 (15 minutes)

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: 4

Type: **not specified**

Presentation by the Deputy Chief Scientists of the Ministry of Industry

Sunday 3 March 2013 10:10 (15 minutes)

Presenter: Dr GROSS, A.

Contribution ID: 5

Type: **not specified**

Presentaion on Si-Ge needs for high quality ampl.

Presenter: CARDARELLI, Roberto (Universita e INFN Roma Tor Vergata (IT))

Contribution ID: 6

Type: **not specified**

Presentation of Tower activities on Si-Ge and others

Contribution ID: 7

Type: **not specified**

Presentation of developments and needs in Si detectors work at CERN

Presenter: FERRERE, Didier (Universite de Geneve (CH))

Contribution ID: 8

Type: **not specified**

Custom Front-end Readout Electronics and Signal Processing systems

Presenter: LANNI, Francesco (Brookhaven National Laboratory (US))

Contribution ID: 9

Type: **not specified**

Presentation by KLA-Tenkor

Contribution ID: **10**

Type: **not specified**

Custom Front-End Readout Electronics and Signal Processing systems

Presenter: LANNI, Francesco (Brookhaven National Laboratory (US))

Contribution ID: **11**

Type: **not specified**

Presentation on developments of PIX technology

Sunday 3 March 2013 13:50 (15 minutes)

Presenter: O'SHEA, Val (University of Glasgow (GB))

Session Classification: Materials and techniques for Semiconductor detectors

Contribution ID: 12

Type: **not specified**

Medical Imaging developments, Director of CT & Detectors Lab, Philips Healthcare

Sunday 3 March 2013 14:05 (15 minutes)

Presenters: ALTMAN, A.; ZARCHIN, O.

Session Classification: Materials and techniques for Semiconductor detectors

Contribution ID: 13

Type: **not specified**

Presentation of processes related to ceramics (Microceramics)

Contribution ID: 14

Type: **not specified**

Various welding techniques in titanium (Uniweld)

Contribution ID: 15

Type: **not specified**

General Needs at CERN for special PCBs and DC-DC converters

Sunday 3 March 2013 15:55 (30 minutes)

Presenter: FARTHOUAT, Philippe (CERN)

Session Classification: PCB and related issues

Contribution ID: **16**

Type: **not specified**

Presentation of capabilities by PCB Ltd.

Sunday 3 March 2013 16:25 (15 minutes)

Presenter: ELIA, Y.

Session Classification: PCB and related issues

Contribution ID: 17

Type: **not specified**

Presentation of capabilities by Print Electronics

Sunday 3 March 2013 16:40 (15 minutes)

Presenter: COHEN, A.

Session Classification: PCB and related issues

Contribution ID: **18**

Type: **not specified**

Program for automatisisation of special PCB/GEMs (Orbotech)

Sunday 3 March 2013 16:55 (20 minutes)

Presenter: WINDREICH, G.

Session Classification: PCB and related issues

Contribution ID: **19**

Type: **not specified**

Summary of the day and action items

Sunday 3 March 2013 18:10 (20 minutes)

Presenter: NORDBERG, Markus (CERN)

Contribution ID: **20**

Type: **not specified**

Visitors center at Weizmann Institute

Monday 4 March 2013 09:00 (30 minutes)

Contribution ID: **21**

Type: **not specified**

Visit to the Sub-micron center on facilities for Ga-As

Monday 4 March 2013 09:30 (30 minutes)

Contribution ID: 22

Type: **not specified**

Developments for Optical transmission at CERN

Presenter: MCMAHON, Stephen (STFC - Science & Technology Facilities Council (GB))

Contribution ID: 23

Type: **not specified**

Presentation by Colorchip

Contribution ID: 24

Type: **not specified**

Presentation by XLOOM

Contribution ID: 25

Type: **not specified**

Presentation by FIBERNET

Contribution ID: 26

Type: **not specified**

Networking Projects at CERN

Monday 4 March 2013 12:20 (20 minutes)

Presenter: FRANCIS, David (CERN)

Session Classification: Networking

Contribution ID: 27

Type: **not specified**

Future of networks according to BATM

Monday 4 March 2013 12:40 (20 minutes)

Presenter: COHEN, A.

Session Classification: Networking

Contribution ID: 28

Type: **not specified**

Infiniband projects by Mellanox

Monday 4 March 2013 13:00 (20 minutes)

Presenter: BLOCH, G.

Session Classification: Networking

Contribution ID: 29

Type: **not specified**

Special needs on Beryllium

Presenter: GALLILEE, Mark Antony (CERN)

Contribution ID: **30**

Type: **not specified**

TAMAM representative

Contribution ID: **31**

Type: **not specified**

Head mounted display optics

Presenter: BELTRAMELLO, Olga (CERN)

Contribution ID: **32**

Type: **not specified**

LUMUS presentation

Contribution ID: 33

Type: **not specified**

El-Mul presentation

Contribution ID: 34

Type: **not specified**

Developments on power transfer at CERN (DC-DC converters)

Presenter: FARTHOUAT, Philippe (CERN)

Contribution ID: 35

Type: **not specified**

Developments at TDK-Lambda in DC-DC converters

Presenter: M. TARNAVSKY / S. SHIMSHON

Contribution ID: 36

Type: **not specified**

Conclusions and action items

Monday 4 March 2013 16:15 (30 minutes)

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: 37

Type: **not specified**

Bus leaves at 8.00 from in front of the Leonardo hotel

Timetable to be announced soon

Contribution ID: **38**

Type: **not specified**

Introduction to the HEPTECH network in High Energy Physics

Sunday 3 March 2013 10:25 (15 minutes)

Presenter: TRACEY, Ian (STFC-RAL)

Contribution ID: 39

Type: **not specified**

Presentation on Si-Ge needs for high quality ampl.

Sunday 3 March 2013 11:10 (15 minutes)

Presenter: CARDARELLI, Roberto (Universita e INFN Roma Tor Vergata (IT))

Session Classification: Silicon Detectors Related issues

Contribution ID: 40

Type: **not specified**

Presentation of Tower activities on Si-Ge and others.

Sunday 3 March 2013 11:25 (15 minutes)

Presenter: ZERBIB, G.

Session Classification: Silicon Detectors Related issues

Contribution ID: 41

Type: **not specified**

Presentation of developments and needs in Si detectors work at CERN

Sunday 3 March 2013 11:40 (20 minutes)

Presenter: FERRERE, Didier (Universite de Geneve (CH))

Session Classification: Silicon Detectors Related issues

Contribution ID: 42

Type: **not specified**

Presentation by Applied Materials

Sunday 3 March 2013 12:00 (20 minutes)

Presenter: KUZNIZ, T.

Session Classification: Silicon Detectors Related issues

Contribution ID: 43

Type: **not specified**

Presentation by KLA-Tencor

Sunday 3 March 2013 13:35 (15 minutes)

Presenter: Dr SELIGSON

Session Classification: Materials and techniques for Semiconductor detectors

Contribution ID: 44

Type: **not specified**

Presentation of processes related to ceramics (Microceramics)

Sunday 3 March 2013 14:45 (20 minutes)

Presenter: COHEN, Y

Session Classification: Materials and techniques for Semiconductor detectors

Contribution ID: 45

Type: **not specified**

Various welding techniques in titanium (Uniweld)

Sunday 3 March 2013 15:05 (20 minutes)

Presenter: SNITKOVSKI, D.

Session Classification: Materials and techniques for Semiconductor detectors

Contribution ID: 46

Type: **not specified**

Special needs on Beryllium

Presenter: GALLILEE, Mark Antony (CERN)

Contribution ID: 47

Type: **not specified**

TAMAM representative

Contribution ID: 48

Type: **not specified**

Developments for Optical transmission at CERN

Monday 4 March 2013 10:30 (20 minutes)

Presenter: MCMAHON, Stephen (STFC - Science & Technology Facilities Council (GB))

Session Classification: Optical transmission

Contribution ID: 49

Type: **not specified**

Presentation Colorchip

Monday 4 March 2013 10:50 (20 minutes)

Presenter: GOLDGEIER, P.

Session Classification: Optical transmission

Contribution ID: 50

Type: **not specified**

Presentation by XLOOM

Monday 4 March 2013 11:10 (20 minutes)

Presenter: BADICHI, A.

Session Classification: Optical transmission

Contribution ID: 51

Type: **not specified**

Presentation by FIBERNET

Monday 4 March 2013 11:30 (20 minutes)

Presenter: MARCO, G.

Session Classification: Optical transmission

Contribution ID: 52

Type: **not specified**

Head mounted display optics

Monday 4 March 2013 14:20 (15 minutes)

Presenter: BELTRAMELLO, Olga (CERN)

Session Classification: Special Applications I

Contribution ID: 53

Type: **not specified**

LUMUS Presentation

Monday 4 March 2013 14:35 (15 minutes)

Presenter: AMITAI, Y.

Session Classification: Special Applications I

Contribution ID: 54

Type: **not specified**

El-Mul Presentation

Monday 4 March 2013 14:50 (15 minutes)

Presenter: CHEIFETZ, E.

Session Classification: Special Applications I

Contribution ID: 55

Type: **not specified**

Departure from the Leonardo hotel in Rehovot

Contribution ID: 56

Type: **not specified**

Short Stop to take pictures before going down to the Dead Sea

Contribution ID: 57

Type: **not specified**

Bathing in Dead Sea

In case the weather is too cold we will reduce the time spent at the Dead Sea and include the following stop:

09:45 Visit of Tel-Arad (archaeological rests of a 5,000 year old city adjacent to a fortress of the time of King David that includes a small temple modeled after the first temple in Jerusalem)

10:45 Departure to dead sea

11:45 Bathing in the dead sea

Contribution ID: 58

Type: **not specified**

Departure for Messada

Contribution ID: 59

Type: **not specified**

Arrival at Messada and lunch at the cafeteria

Contribution ID: **60**

Type: **not specified**

Cable Car to Messada

Contribution ID: **61**

Type: **not specified**

Return with the cable car and departure to Jerusalem

Contribution ID: 62

Type: **not specified**

Stop to take pictures of the cave where the Dead-Sea Scrolls were found

Contribution ID: 63

Type: **not specified**

Short Stop in Jerusalem to see the walls of the old city and the wailing wall

Contribution ID: **64**

Type: **not specified**

Departure to Rehovot

Contribution ID: 65

Type: **not specified**

Dinner next to the hotel

Contribution ID: 66

Type: **not specified**

Sightseeing at Deadsea region

Contribution ID: 67

Type: **not specified**

Departure from the Leonardo hotel in Rehovot

Tuesday 5 March 2013 08:30 (1h 30m)

Session Classification: Sightseeing at Deadsea region

Contribution ID: **68**

Type: **not specified**

Short stop to take pictures before going down to the Dead Sea

Tuesday 5 March 2013 10:00 (30 minutes)

Session Classification: Sightseeing at Deadsea region

Contribution ID: **69**

Type: **not specified**

Bathing in the Dead Sea

Tuesday 5 March 2013 10:30 (2h 30m)

In case the weather is too cold we will reduce the time spent at the Dead Sea and include the following stop:

9:45 Visit of Tel-Arad (archeological rest of a 5000 year old city adjacent to a fortress of the time of the King David that includes a small temple modeled after the first temple in Jerusalem).

10:45 Departure to Dead Sea

11:45 Bathing in the Dead Sea

Session Classification: Sightseeing at Deadsea region

Contribution ID: 70

Type: **not specified**

Departure for Messada

Tuesday 5 March 2013 13:00 (20 minutes)

Session Classification: Sightseeing at Deadsea region

Contribution ID: 71

Type: **not specified**

Arrival at Messada and lunch at the cafeteria

Tuesday 5 March 2013 13:20 (40 minutes)

Session Classification: Sightseeing at Deadsea region

Contribution ID: 72

Type: **not specified**

Cable car to Messada

Tuesday 5 March 2013 14:00 (2 hours)

Session Classification: Sightseeing at Deadsea region

Contribution ID: 73

Type: **not specified**

Return with the cable car and departure to Jerusalem

Tuesday 5 March 2013 16:00 (40 minutes)

Session Classification: Sightseeing at Deadsea region

Contribution ID: 74

Type: **not specified**

Stop to take pictures of the cave where the Dead-Sea Scrolls were found

Tuesday 5 March 2013 16:40 (1h 20m)

Session Classification: Sightseeing at Deadsea region

Contribution ID: 75

Type: **not specified**

Short stop in Jerusalem to see the walls of the old city and the wailing wall

Tuesday 5 March 2013 18:00 (30 minutes)

Session Classification: Sightseeing at Deadsea region

Contribution ID: 76

Type: **not specified**

Departure to Rehovot

Tuesday 5 March 2013 18:30 (1 hour)

Session Classification: Sightseeing at Deadsea region

Contribution ID: 77

Type: **not specified**

Dinner next to the hotel

Tuesday 5 March 2013 19:30 (2 hours)

Session Classification: Sightseeing at Deadsea region

Contribution ID: 78

Type: **not specified**

Novel radiation detectors

Monday 4 March 2013 15:05 (15 minutes)

Presenter: BRESKIN, A.

Session Classification: Special applications II

Contribution ID: 79

Type: **not specified**

Technology Transfer activities at CERN

Monday 4 March 2013 15:45 (15 minutes)

Presenter: ANELLI, Giovanni (CERN)

Session Classification: Technology Transfer activities at CERN

Contribution ID: 80

Type: **not specified**

CollSpotting: using collaborative network analysis tools to identify key technology players and spot and trace collaborations between Industry and Academia

Monday 4 March 2013 16:00 (15 minutes)

Presenter: LE GOFF, Jean-Marie (CERN)

Session Classification: Technology Transfer activities at CERN

Contribution ID: **81**

Type: **not specified**

Developments at TDK Lambda

Sunday 3 March 2013 17:55 (15 minutes)

Presenter: VATARIO, K.

Session Classification: PCB and related issues

Contribution ID: **82**

Type: **not specified**

Custom Front-End Readout Electronics and Signal Processing systems

Monday 4 March 2013 10:00 (30 minutes)

Session Classification: US developments

Contribution ID: **83**

Type: **not specified**

Visit to the Weizmann House

Wednesday 6 March 2013 09:00 (1 hour)

Contribution ID: **84**

Type: **not specified**

Visit to Clore Garden of Science (giuded tour and time to explore the place independently)

Wednesday 6 March 2013 10:15 (2h 35m)

Contribution ID: 85

Type: **not specified**

Bus leaves from the Clore garden of science to Ben Gurion airport