

FCH JU projects

Fuel Cell based Auxiliary

Power Units

Joint Workshop

Turin (Italy)

June 25th -26th, 2014

Aim

This Joint Workshop brings together three FCH JU projects that are involved in research and demonstration in Fuel Cell based Auxiliary Power Units, to discuss topics of common interests.

The main topics are as follows:

- Concept: system architecture, technical solution, integration of FC in APU, etc.
- Specification: parameters for applications, start-up, power, auxiliaries, etc.
- Safety: control systems, integration in vehicles, etc.

The workshop program is based on project presentations (oral sessions) and a breakout discussion session, based around each of the three topics above. An exhibition of APU system developed in the frame of the SSH2S project is also scheduled. At the end of the workshop, key insights from the discussion sessions will be identified, recorded and subsequently disseminated amongst all participants, the FCH JU and the wider fuel cell and hydrogen community.



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Programme

Wednesday June 25th, 2014			
<i>TIMING</i>	<i>EVENTS</i>		<i>ROOM</i>
13.30-14.00	Registration		Hall
14.00-15.00	General Overview on APU and FC technology	Matthias Boltze, NewEnerday, Neubrandenburg, D	KYOTO
15.00-15.15	SSH2S presentation	M. Baricco, University of Turin, I	
15.15-15.35	Materials and “combo concept”	M. Linder, DLR, Stuttgart, D	
15.35-15.55	Hydrogen tank and system applications	M. Sgroi, Fiat Research Center, Orbassano, I	
15.55-16.30	Coffee break		Hall
16.30-16.45	FCGEN presentation	J. Dawody, Volvo Technology AB, S	KYOTO
16.45-17.05	Fuel processing of logistic fuels for fuel cell systems	J. Pasel, Forschungszentrum Jülich GmbH, D	
17.05-17.25	PEMFC-APU system integration and control	P. Ekdunge, Powercell Sweden AB, S B. Pregelj, Josef Stefan Institue, SLO	
17.25-17.40	DESTA presentation	M. Reissig, AVL List, Graz, A	
17.40-18.00	DESTA APU System	S. Brandt, CCES, Esslingen, D	
18.00-18.20	SOFC Technology	M. Lualdi, TOFC, Lyngby, DK	
13.20-15.00	Dinner and exhibition		HYSYLAB atrium
Thursday June 26th, 2014			
09.00-09.30	Introduction to Discussion Sessions		KYOTO
09.30-11.00	Discussion Sessions	Concept	KYOTO
		Specification	COPENHAGEN
		Safety	JOANNESBURG
11.00-11.30	Coffee break		Hall
11.30-12.00	Feedback session		KYOTO
12.00-12.15	POLIGHT presentation	D.Damosso, Envipark, Turin, I	
12.15-12.45	FCH-JU presentation	C. Navas, FCH-JU, Bruxelles, B	
12.45-13.00	Concluding remarks		
	Lunch		Terrace

Practical Information

Location

The meeting will be held at *Environment Park, Congress Centre*, Via Livorno 60, 10144 Torino, Italy, Tel.+39 011 225 71 11, Fax +39 011 225 72 21, www.envipark.com

Registration

Participation to the workshop is free of charge. Members of the DESTA, FCGEN and SSH2S projects and external participants must register sending an e.mail to marcello.baricco@unito.it by June 16th, 2014. Details are available on www.ssh2s.eu.

How to get to Envipark from the airport of Torino

Train: from "GTT Dora train station" Line "TO-CE"; Stop "Torino Dora". Departure every 30 minutes between 5 a.m. and 10 p.m. Journey time about 16 minutes. Next by: Bus "FLY" or from bus stop "Baldissera" line 46/ to stop "Treviso" (3 stops). Journey time about 7 minutes or by foot in about 10-15 minutes.

Bus: Direction Torino City Centre (SADEM); stop "TORINO - via Borgaro, 103"; Departure every 30 minutes. Journey time about 20 minutes. Next by Bus (stop "Terni") using Line 72 or 72/ to stop "Treviso" (6 stops). Journey time about 12 minutes

Taxi: about 30 to 50 EUR to downtown Torino. Journey time about 30 minutes.

Hotels

Art Olympic Hotel**(very close to Envipark)**

Via Verolengo, 19
10149 Torino
Tel. 011 39997
Fax. 011 39998
www.arthotelolympic.it

Hotel Royal **(very close to Envipark)**

Corso Regina Margherita, 249
10144 Torino
Tel. (+39) 011 4376777
Fax (+39) 011 4376393
www.hotelroyaltorino.it
info@hotelroyaltorino.it

Hotel NH Santo Stefano** superior (close to Envipark)**

Via Porta Palatina, 19
10122 Torino
Tel. (+39) 011 5223311
Fax (+39) 011 5223313
www.nh-hotels.com
info.nhsantostefano@nh-hotels.com

Hotel Le Petit*(city centre)**

Via San Francesco d'Assisi, 21
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Tel. (+39) 011 5612626
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Hotel Victoria*(city centre)**

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