

IEA SHC Task 48 6th meeting

Quality assurance and support measures for Solar Cooling

Donald Gordon Conference Centre (DGCC)

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Meeting Agenda – Final Version

Monday May 12th, 2014, 8:00am – 16:00pm

Tuesday May 13th, 2014, 7:00am – 2:00pm

Task 48 website : <http://www.iea-shc.org/task48/index.html>

Participation fee:

The participation fee is \$175.00 CDN per day (\$350 total) and includes: **meeting registration + accommodations** + breakfast + lunch + Monday dinner. Accommodations are provided at the Donald Gordon Conference Center, Kingston Ontario, see address above. The DGCC provides overnight accommodation for those attending and will be the site of the conference. You can make your meeting registration / accommodation reservations online at:

<https://reservations.donaldgordoncentre.com/> using **Group Code:** 135443 and **PIN:** IEA14

Venue: <http://task48.iea-shc.org/6th-experts-meeting>

Donald Gordon Conference Centre (DGCC)

421 Union Street
Kingston, Ontario
Canada K7L 3N6

Host: Steeve Harrison / Ben Stinson

e-mail: harrison@me.queensu.ca / benstinson@qsabri.com

Accommodation: at Donald Gordon Conference Centre

Get Together optional Dinner on Sunday 11th (Own Cost):

[Kingston Brew Pub](#)

34 Clarence Street
Kingston, ON K7L 1W9
(613) 542-4978

Official Meeting Dinner

The dinner will take place at a restaurant in Kingston on Monday May 12th, 2014 at 7 p.m.

final version – 05/05/2014

Day 1 - Agenda for Monday May 12th, 2014 (8:00pm-16:00pm)

Venue inside Donald Gordon Conference Centre for the main Meeting room

Plenary

8.00-8.15	Welcome and Organisational issues	Daniel Mugnier	TECSOL
8.15-8.25	Welcome from Queen's Uni	Steeve Harrison/other	Queen's Uni
8.25-8.45	Presentations of new participants/observers IF NEEDED		(5min/each)

1st block : Subtask Planning & status update

08.45-9:15	Subtask A: Structures, status, deliverables	Marco Calderoni	POLIMI
9.15-9:50	Subtask B: Structures, status, deliverables	Alex Morgenstern	FhG ISE
09:50- 10:10	Coffee Break		
10.10-10:40	Subtask C : Structures, status, deliverables	Stephen White	CSIRO
10.40-11:10	Subtask D : Structures, status, deliverables	Uli Jakob	Green Chiller

2nd block : Latest developments & results session

11.10-11:30	Simplified design tool used as a reference calculation tool : design facilitator	Daniel Mugnier (TECSOL)
11.30-11.45	Latest results and discussions on B7 & B1 activities	Daniel Neyer (UIBK)
11.45-12.00	Full final results of the EVASOLK project	Alexander Morgenstern (ISE)
12.00-12.15	Status of the LCA tool and an update of research activities at UNIPA	Marco Beccali (UNIPA)
12.15-12.30	CASCO Chiller concept	Marco Calderoni (POLIMI)
12.30-12.45	One Full year monitoring results for the SERM SAC	Daniel Mugnier (TECSOL)
12.45-13.00	Queen's Uni latest developments	McNevin, Seeman Salimizad (Queen's)

13.00-14:00 Lunch Break at DGCC in a room beside the meeting room (T601)

Please advise any dietary requirements – benstinson@qsbrri.com

Working groups : block1

14:00-14:10 Organization of Group discussions on Work Package level (5-6people max per item) Daniel Mugnier TECSOL

14:10-16:00 Meeting in parallel on Work Package level; Suggested topics for working groups are:

* **A2/B3** : Life Cycle analysis on component/system (Activity Leader : Marco Beccali (UNIPA) and Tim Selke (AIT))

* **B6 / A4**: Pumps efficiency and adaptability / Self detection on monitoring procedure (Activity leaders : Martin Helm (ZAE) & Dirk Pietruschka, Zafh.net)

* **A1/B1** : Chiller characterization / System-Subsystem characterization & field performance assessment (Activity Leaders : Roberto Fedrizzi (EURAC) & Patrizia Melograno & Marco Calderoni, POLIMI))

=== End of the working Day 1 at 4pm ===

16:00-17:30 **Technical tour** :
Liquid Dessicant cooling / **Solar air conditioning system at Queen's University**

Official Meeting Dinner: Place TO BE DETERMINED on Monday May 12th, 2013 at 7 p.m.

Day 2 - Agenda for Tuesday May 13th (7:00pm-14:00pm)

Working groups : block2

7:00-7:10 Organization of Group discussions on Work Package level (5-6people max per item) Daniel Mugnier TECSOL

7:10-08:50 Meeting in parallel on Work Package level; Suggested topics for working groups are:

* **A3** : Heat Rejection (Activity leader : Roberto Fedrizzi (EURAC))

* **D4/D6** : Guidelines for Roadmaps on Solar cooling / Outreach Report (Activity Leader : Uli Jakob, Green Chiller & Tim Selke (AIT))

08:50- 09:10 Coffee Break 1

Working groups : block3

09:10-10:30 Meeting in parallel on Work Package level; Suggested topics for working groups are:

* **B7/C2** : Quantitative quality and cost competitiveness criteria for systems / Methodology for performance assessment, rating and benchmarking (Activity Leader : D. Neyer (UIBK)/ S. White (CSIRO))

10:30 -10:50 Coffee Break 2

Working groups : block4

10:50-12:00 Meeting in parallel on Work Package level; Suggested topics for working groups are:

* **B2** : Good practice for DEC design and installation (Activity Leader : Tim Selke (AIT))

* **C7** : Certification process definition for small systems (Activity Leader : Jochen Döll (ISE))

* **D3/ C3 / D2** : Simplified short brochure / Selection & standardization of best practice solutions / Best practices brochure (Activity Leader : Moritz Schubert (Daniel Mugnier (TECSOL) / Uli Jakob (Green Chiller))

12.00 – 14.15 Plenary & overall

12.00-12.25	Subtask A : Report on working group items; planning of next steps; distribution of work; action items	Marco Calderoni	POLIMI
12.25-12.50	Subtask B : Report on working group items; planning of next steps; distribution of work; action items	Alex Morgenstern	FhG ISE
12.50-13.15	Subtask C : Report on working group items; planning of next steps; distribution of work; action items	Stephen White	CSIRO
13.15-13.40	Subtask D : Report on working group items; planning of next steps; distribution of work; action items	Uli Jakob	Green Chiller
13.40-14.00	General items, next meetings, miscellaneous	Daniel Mugnier	TECSOL

14 :00 End of Task 6th expert meeting

Lunch at DGCC beside the meeting room

Visit of the Queen's Lab and departure for Montreal

Annex 1: Meeting Participant list (registered on 12/05)

1. Daniel Mugnier	TECSOL	daniel.mugnier@tecsol.fr
2. Tim Selke	AIT	tim.selke@ait.ac.at
3. Alexander Morgenstern	Fraunhofer ISE	alexander.morgenstern@ise.fraunhofer.de
4. Uli Jakob	Green Chiller	uli.jakob@greenchiller.de
5. Martin Helm	ZAE Bayern	helm@muc.zae-bayern.de
6. Marco Beccali	University of Palermo	marco.beccali@dream.unipa.it
7. Marco Calderoni	POLIMI	marco.calderoni@polimi.it
8. Daniel Neyer	UIBK	daniel.neyer@uibk.ac.at
9. Khalid Nagidi	EMCG	khalid.nagidi@energymcg.com
10. Steve Harrison	Queen's University	harrison@me.queensu.ca

Video :

1. Alexander Thür	UIBK	alexander.thuer@uibk.ac.at
2. Moritz Schubert	SOLID	m.schubert@solid.at
3. Stephen White	CSIRO	stephen.d.white@csiro.au
4. Mathias Safarik	ILK Dresden	mathias.safarik@ilkdresden.de
5. Yanjun Dai	SJTU	yjdai@sjtu.edu.cn
6. Patrizia Melograno	POLIMI	patrizia.melograno@polimi.it
7. Alice Vittoriosi	EURAC	alice.vittoriosi@eurac.edu
8. Hilbert Focke	ASIC	focke.hilbert@asic.at
9. Roberto Fedrizzi	EURAC	roberto.fedrizzi@eurac.edu
10. Jochen Doell	Fraunhofer ISE	jochen.doell@ise.fraunhofer.de
11. Fugmann Hannes	Fraunhofer ISE	hannes.fugmann@ise.fraunhofer.de
12. Andrea Frazzica	CNR ITAE	andrea.frazzica@itae.cnr.it
13. Salvatore Vasta	CNR ITAE	salvatore.vasta@itae.cnr.it

ANNEX 2: LOGISTICS ON THE MEETING IN KINGSTON