

## IEA SHC Task 48 7<sup>th</sup> meeting

### Quality assurance and support measures for Solar Cooling

#### IAS TUM Institute for Advanced Study

Lichtenbergstraße 2 a  
85748 Garching - Germany  
Next to the office building of ZAE Bayern –  
METRO U6 Exit: "Garching Forschungszentrum"



<http://www.zae-bayern.de>

E-Mail: [martin.helm@zae-bayern.de](mailto:martin.helm@zae-bayern.de) / [task48@muc.zae-bayern.de](mailto:task48@muc.zae-bayern.de) / +49 163 633 48 41

### Meeting Agenda – Final Version

Monday September 29<sup>th</sup>, 2014, 8:30am – 17:30pm

Tuesday September 30<sup>th</sup>, 2014, 8:30am – 16:00pm

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

**Participation fee: Please pay cash (EUR) at the information on the first day**

The participation fee is estimated at 120 € and includes: meeting registration + coffee + lunch + monday dinner.

**The fee has to be paid cash at the beginning of the meeting**

Accommodations are provided at the IBIS Budget Garching, see address below.

**Venue:** <http://task48.iea-shc.org/7th-experts-meeting>

**Accommodation:**

**IBIS Budget (Daimlerstraße 5, 85748 Garching/Hochbrück)**

5 Minutes to the venue by Metro, 20 Minutes to the city center by Metro

METRO U6 Exit: "Garching Hochbrück"

**Get Together optional Dinner on Sunday 28<sup>th</sup> (Own Cost):**

**"Oide Wiesn" Traditional Oktoberfest tent**

Meeting Point: In front of the Giant Wheel at 18:30 p.m.

Theresienwiese, München – METRO U6 Exit: "Goetheplatz" (just follow the people !!!)

Entrance fee is included - Last order: 22:00 p.m.

**Official Meeting Dinner**

The dinner will take place at "Spöckmeier" in Munich on Monday September 29<sup>th</sup>, 2014 at 8 p.m.

**Restaurant "Zum Spöckmeier"** (close to Marienplatz/city center)

Rosenstraße 9 - D-80331 München

METRO U6 Exit: "Marienplatz"

**Final version – 30/09/2014**

## Day 1 - Agenda for Monday September 29th, 2014 (8:30pm-17:00pm)

Venue inside IAS TUM Institute for Advanced Study for the main Meeting room

<b>Plenary (AUDITORIUM)</b>			
8.30-8.45	Welcome and Organisational issues	Daniel Mugnier	TECSOL
8.45-8.55	Welcome from ZAE Bayern	Martin Helm/other	ZAE Bayern
8.55-8.50	Presentations of new participants/observers IF NEEDED		(5min/each)
<b>1<sup>st</sup> block : Subtask Planning &amp; status update</b>			
08.50-9:20	Subtask A: Structures, status, deliverables	Marco Calderoni	POLIMI
9.20-10:00	Subtask B: Structures, status, deliverables	Alex Morgenstern	FhG ISE
<b>10:00- 10:20 Coffee Break (FOYER)</b>			
10.20-10:50	Subtask C : Structures, status, deliverables	Stephen White	CSIRO
10.50-11:20	Subtask D : Structures, status, deliverables	Uli Jakob	Green Chiller

<b>2<sup>nd</sup> block : Latest developments &amp; results session (AUDITORIUM)</b>			
11.20-11:30	Final version of the concentrating collector database	Marco Calderoni (POLIMI)	
11.30-11.40	Feedback on tests of the B4 PISTACHE Tool	Daniel Mugnier (TECSOL)	
11.40-11.50	Feedback on 2 <sup>nd</sup> year Montpellier SERM system	Daniel Mugnier (TECSOL)	
11.50-12.00	New control strategies for solar cooling	Stephen White (CSIRO)	
12.00-12.10	Presentation of the new Arizona SAC systems	Christian Holter(SOLID)	
12.10-12.30	Reference System & Cost Competiveness	Daniel Neyer (UIBK)	

**12.20-13:00 Lunch Break at canteen "Max-Planck-Institut für Plasmaphysik" (IPP)**

<b>Working groups : block1</b>			
13:00-13:10	Organization of Group discussions on Work Package level (5-6people max per item) <b>(Room: AUDITORIUM)</b>	Daniel Mugnier	TECSOL
13:10-15:30	Meeting in parallel on Work Package level; Suggested topics for working groups are:		
	* <b>A2/B3</b> : Life Cycle analysis on component/system (Activity Leader : Marco Beccali (UNIPA) and Tim Selke (AIT)) <b>(Room: FACULTYCLUB-left, floor_4)</b>		
	* <b>B6 / A4</b> : Pumps efficiency and adaptability / Self detection on monitoring procedure (Activity leaders : Martin Helm (ZAE) & Dirk Pietruschka, Zafh.net) <b>(Room: FACULTYCLUB-right, floor_4)</b>		
	* <b>A1/B1/C7</b> : Chiller characterization / System-Subsystem characterization & field performance assessment (Activity Leaders : Roberto Fedrizzi (EURAC) & Patrizia Melograno & Marco Calderoni, POLIMI) + Certification process definition for small systems (Activity Leader : Jochen Döll (ISE)) <b>(ConferenceRoom, floor_0)</b>		

**15:30- 15:50 Coffee Break (FOYER)**

**Working groups : block2**

15:50-16:00 Organization of Group discussions on Work Package level (5-6people max per item) Daniel Mugnier TECSOL

16:00-17:30 Meeting in parallel on Work Package level; Suggested topics for working groups are:

\* **A3** : Heat Rejection (Activity leader : Roberto Fedrizzi (EURAC)) (**ConferenceRoom, floor\_0**)

\* **C5 / D5** : Labelling possibilities investigation ( Activity leader : Uli Jakob (Green Chiller) & Training material (Activity Leader : Marco Calderoni (POLIMI)) (**Room: FACULTYCLUB-right, floor\_4**)

=== End of the working Day 1 at 5.30pm ===

17:30-18:30 Optional technical tour at ZAE Bayern

**Official Meeting Dinner:** on Monday September 29th, 2013 at 8 p.m. at "Zum Spöckmeier" Restaurant "Zum Spöckmeier" (close to Marienplatz/city center), Rosenstraße 9, Munich

**Day 2 - Agenda for Tuesday May 13<sup>th</sup> (8:30pm-16:00pm)**

**Working groups : block3 (Meeting point FOYER)**

08:30-10:00 Meeting in parallel on Work Package level; Suggested topics for working groups are:

\* **D4/D6** : Guidelines for Roadmaps on Solar cooling / Outreach Report (Activity Leader : Uli Jakob, Green Chiller & Tim Selke (AIT)) (**Room: FACULTYCLUB-right, floor\_4**)

\* **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)) (**ConferenceRoom, floor\_0**)

**10:00 -10:20 Coffee Break (FOYER)**

**Working groups : block4**

10:20-12:00 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)) (**ConferenceRoom, floor\_0**)

\* **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)) (**Room: FACULTYCLUB-right, floor\_4**)

**12.00-13:00 Lunch Break at canteen "Max-Planck-Institut für Plasmaphysik" (IPP)**

**13.00 – 16.00 Plenary & overall (AUDITORIUM)**

13.00-13.30	Subtask A : Report on working group items; planning of next steps; distribution of work; action items	Marco Calderoni	POLIMI
13.30-14.00	Subtask B : Report on working group items; planning of next steps; distribution of work; action items	Alex Morgenstern	FhG ISE
14.00-14.30	Subtask C : Report on working group items; planning of next steps; distribution of work; action items	Stephen White	CSIRO
<b>14:30- 14:50</b>	<b>Coffee Break (FOYER)</b>		
14.50-15.20	Subtask D : Report on working group items; planning of next steps; distribution of work; action items	Uli Jakob	Green Chiller
15.20-16.00	General items, next meetings, miscellaneous	Daniel Mugnier	TECSOL

16:00 End of Task 7<sup>th</sup> expert meeting

## Annex 1: Meeting Participant list

SCAN TO BE ADDED



## Accommodation (Own cost)

METRO **U6** : « Garching-Hochbrück »

### IBIS Budget (Please contact Martin for booking, if not done)

Daimlerstrasse 3  
 85748 Garching-Hochbrück  
 Tel : (+49) 89 32709520

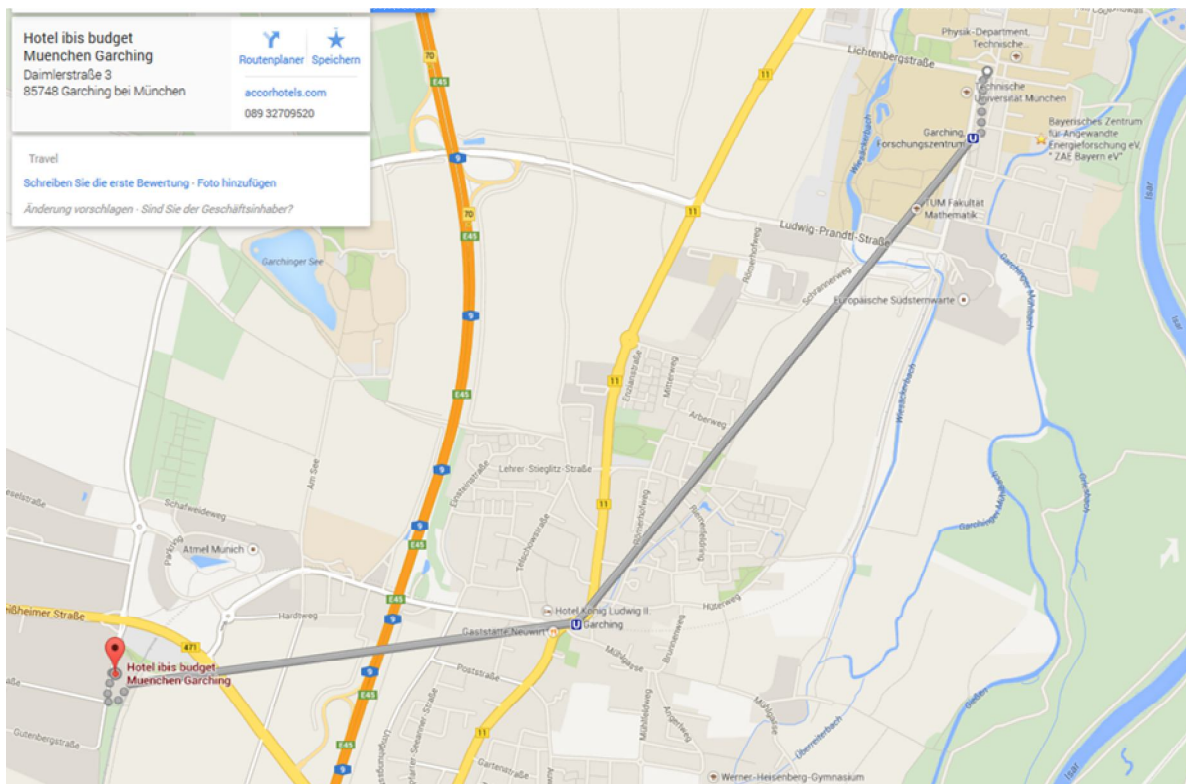
About 100 EUR / night including breakfast

10 Minutes to the venue METRO U6  
 20 Minutes to the city center METRO U6

#### Registration desk opening hours :

SA - SUN 7:30 to 11:00 and 17:00 to 22:00  
 MON – FRI 6:30 to 11:00 and 17:00 to 22:00

Access is granted 24/7 by entering the booking code at the door !!!  
 We will provide your personal booking code, but if you check in outside  
 the opening hours the machine at the door will ask you to pay the first night by creditcard.



towards Munich

**Venue (registration fee, cash only) METRO U6 : « Garching-Forschungszentrum »**

**Institute for Advanced Studies**

Lichtenbergstraße 2  
 85748 Garching close to Munich

**MEETING POINT « Foyer »**

Please pay your registration fee at the information (EURO cash only)



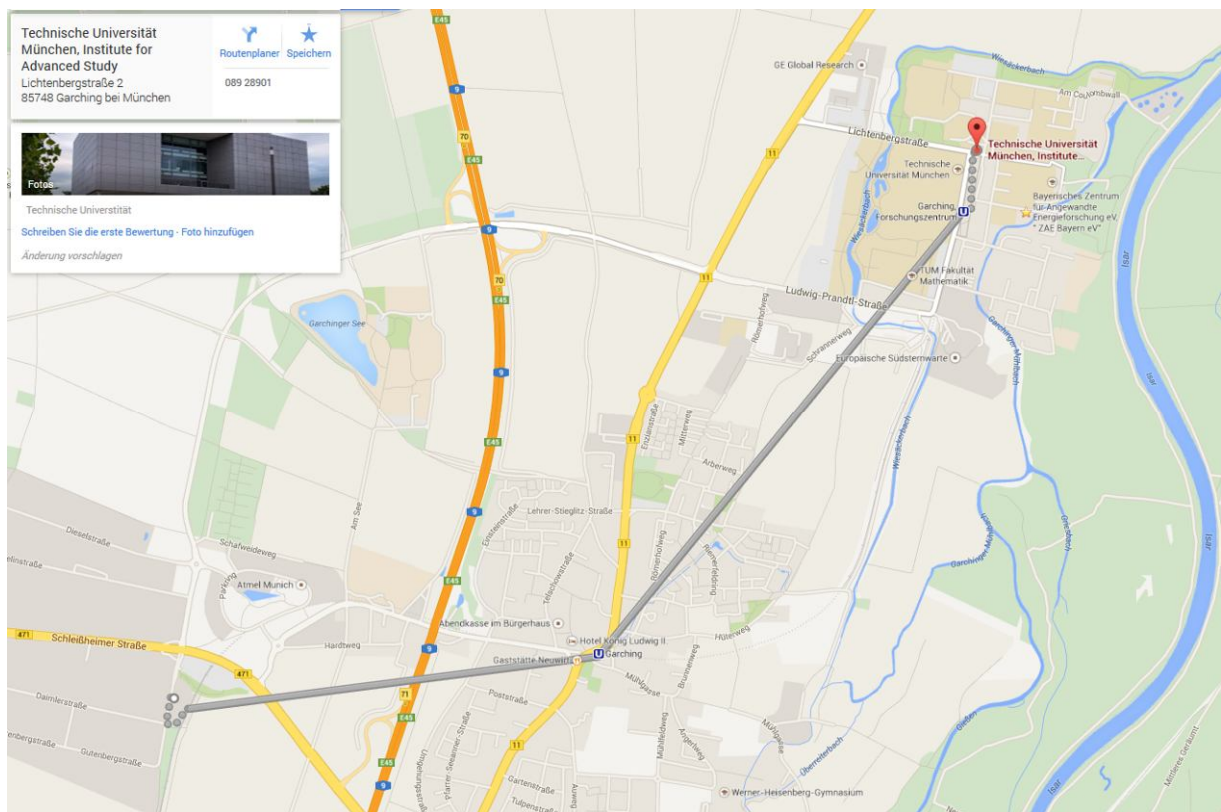
10 Minutes to the hotel METRO U6  
 30 Minutes to the city center METRO U6

**FREE Wifi :** SSID « con » or [«eduroam »](#)  
 MO 8:30 – 17:30  
 TUE 8:30 – 16:00

**LUNCH at canteen “Max-Planck-Institut für Plasmaphysik” (IPP)**  
**!!!!!!!!!!!!!!!!!! PLEASE TAKE YOUR ID-CARD WITH YOU !!!!!!!!!!!!!!!!!!!**



**EACH Workpackage Leader needs his own NOTEBOOK**



towards Munich



**Sunday: Informal welcome dinner (Own cost) METRO U6 : « Goetheplatz »**

**“OIDE WIESN”**

Theresienwiese  
80336 Munich

**MEETING POINT « GIANT WHEEL » at 18:30**

**!!!!!! PLEASE BE ON TIME It's incredible crowded !!!!!**



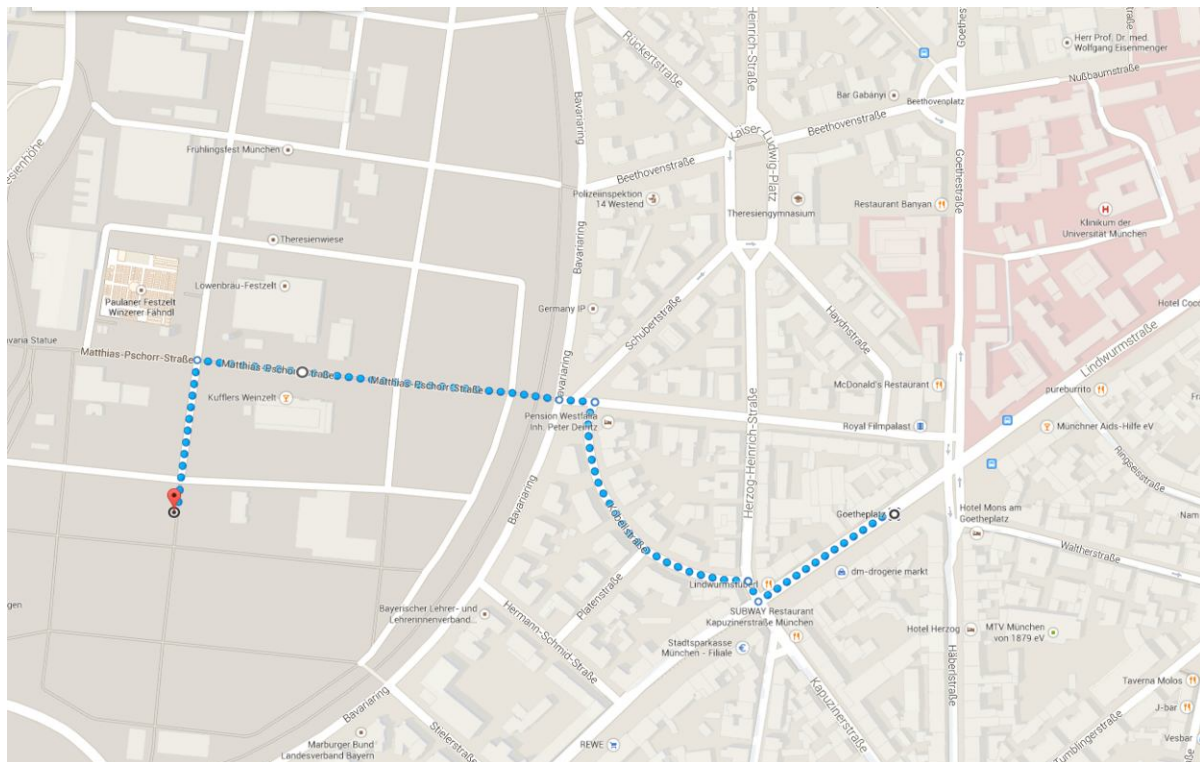
We arranged 2 tables in this traditional Octoberfest tent. It's like a time travel back to the origin of this festival. More cosy !  
Last order at the « oide wiesn »: 21:30  
The other big tents close at 23:00



**LAST METRO U6 to the hotel leaves « Goetheplatz » at 00:24**

ONLY cash in EURO is accepted. For wallet-scaling her some « keyfigures »

- 1 Maß [ma:s] of beer (1 Liter)                    10 EUR + tip
- 1 Schweinshaxe (roasted pork knuckle)    17 EUR
- 1 Roasted chicken                                    11 EUR



Head west and just follow the people !!!

## Monday: Task48 dinner (Included)

METRO **U6** : « Marienplatz »

### Restaurant « Zum Spöckmeier »

Rosenstraße 9  
80331 Munich

**ROOM « Karl-Valentin-Stüberl » starting at 20:00**

[Menue à la carte](#)



This traditional and very good bavarian restaurant is located in the heart of Munich close to the main points of interest like the town hall, Marienkirche, Victualienmarkt a.s.o.

**LAST METRO U6 to the hotel leaves « Marienplatz » at 00:20**

