



**7<sup>TH</sup> FRAMEWORK PROGRAMME (FP7)  
COLLABORATIVE PROJECT  
ATMOSPHERIC PROCESSES, ECO-SYSTEMS AND CLIMATE CHANGE  
ENV.2013.6.1-2  
GRANT AGREEMENT NO. 603557**



**Stratospheric and upper tropospheric processes  
for better climate predictions**

**1<sup>st</sup> Annual Meeting  
AGENDA**

***Budapest, Hungary  
26 – 30 October 2015***

---

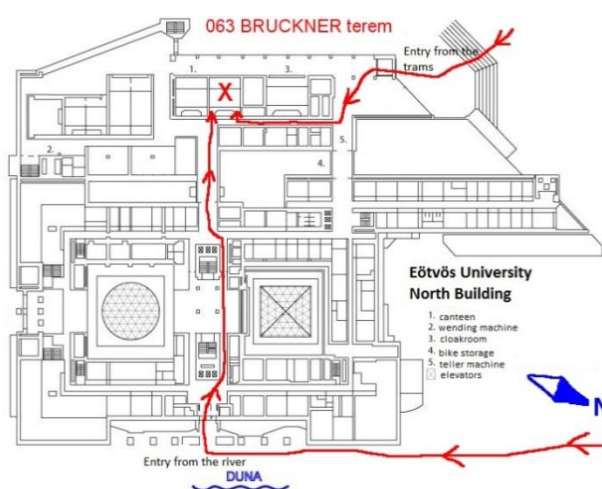
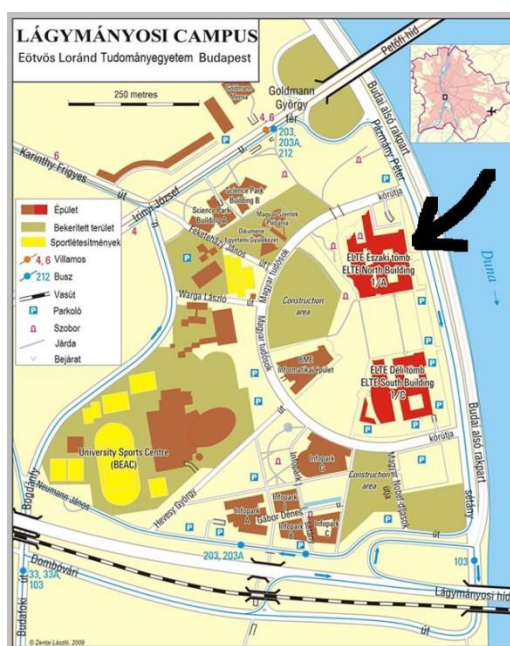
## Introduction

The 1st Annual StratoClim meeting takes place at Eötvös Loránd University (ELTE) in Budapest Hungary 26 – 30 October, 2015.

The official start of the meeting will be on Tuesday October 27 at 9:00. Prior to the official annual meeting, a WP1 meeting will be hosted on Monday October 26 at 11:00-18:00

## Meeting venue

The venue of the meeting is the Campus of Faculty of Sciences, Eötvös Loránd University, which is located in Buda side of the Danube, South of Petőfi Bridge. The meeting will take place in the Northern Block, which is the first building approaching from the Petőfi Bridge.



## Getting there

Coming **from the city centre**, simplest way to access the venue is by using public transportation. Take tram 4 or 6 (which is the busiest line running along the Nagykörút connecting North and South Buda through Pest) until the station on the Buda side of the Petőfi Bridge (called: Petőfi híd Budai hídfő), from where it takes an easy 3-5 minutes' walk to get to the Northern Block. Tram 4 or 6 runs 24/7 and have stops in numerous busy junctions, where you can change to metro lines (etc. Oktogon to M1 [Yellow line], Blaha Lujza tér to M2 [Red line], Nyugati pályaudvar/Western railway station to M3 [blue line]).

Coming **from the International Airport**, take bus Nr. 200, which takes you to the terminus of Metro line 3 (Blue line) called Kőbánya-Kispest. (ca. 20 minutes) Change to metro line M3 until station called Corvin negyed (ca. 20 minutes) Change to tram 4 or 6 in the direction of Buda. Tram 4 runs towards Újbuda központ, while tram 6 runs towards Móricz Zsigmond körtér (ca. 8 minutes) Get off at station called Petőfi híd Budai hídfő and walk to the venue (ca. 3-5 minutes)

**From Keleti pályaudvar/Eastern railway station** take metro M4. Get off at station Rákóczi tér (ca. 4 minutes) Change to tram 4 or 6 in the direction of Buda. Tram 4 runs towards Újbuda központ, while tram 6 runs towards Móricz Zsigmond körtér (ca. 8 minutes) Get off at station called Petőfi híd Budai hídfő and walk to the venue (ca. 3-5 minutes)

**From Nyugati pályaudvar/Western railway station**, take either tram 4 or 6 in the direction of Buda. Tram 4 runs towards Újbuda központ, while tram 6 runs towards Móricz Zsigmond körtér (ca. 20 minutes). Get off at station called Petőfi híd Budai hídfő and walk to the venue (ca. 3-5 minutes).

**From Déli pályaudvar/Southern railway station**, take tram Nr. 61 in the direction of Móricz Zsigmond körtér (ca. 18 minutes) At Móricz Zsigmond körtér, change to tram 6 (ca. 5 minutes) Get off at station called Petőfi híd Budai hídfő and walk to the venue (ca. 3-5 minutes).

### To access the city from the International Airport:

By public transportation: From Liszt Ferenc International Airport take bus Nr. 200, which takes you to the terminus of Metro line M3 (Blue line) called Kőbánya-Kispest. Bus Nr. 200 departures right in front of the terminals. You only can board front door and you have to validate your ticket or show your pass to the driver. Bus ride takes ca. 20 minutes. Kőbánya-Kispest metro station is the final stop of the bus. The bus runs regularly, in every 10-15 minutes, during rush hours every 6-8 minutes. With Metro line M3 you can easily access the city centre. The Deák Ferenc tér metro station (where three metro lines meet) is about 25 minutes from Kőbánya-Kispest. You can plan your route [here](#).

By taxi: The only official service provider at the Liszt Ferenc Airport is called Főtaxi operating with fixed tariffs available at their website. Their counter is to be found in front of the terminal, but online booking is also available. We highly recommend you to follow the official signs taped on the floor and signed on boards and only pay for the services provided by Főtaxi.

By shuttle bus: Shuttle bus services are operated by certain flight companies (e.g. Wizzair, Easyjet) and by the Budapest Airport.

The local currency is Forint (HUF), the approximate ECB rate is 310 HUF/EUR. Euro is accepted in most restaurants and taxis, but one should be careful not to be cheated with the exchange rate.

Taxi costs 7000-9000 Ft from the airport to the city (22-30 euros). Bus as well as metro ticket is € 1,5. Note that tickets are not time limited, so if you change the Metro line or bus or tram, you must validate a new ticket.

## Registration

Registration at location will be between 10:30 – 11:00 on Monday 26 October and between 8:30 – 9:00 on Tuesday morning 27 October.

The registration fee is 80€. It will be collected in cash at the registration desk at the venue.

## Internet

SSID: stratoclim

Password: bpest2015

Available: from 2015.10.26., 8:00; until 2015.10.30., 18:00

Euroam net is continuously accessible

## Poster session

A poster session will be organized on Wednesday 28 October. All poster presenters are provided with a number for their poster location at the participant list.

## Agenda summary

### StratoClim annual meeting

26-30 October 2015, Eötvös Loránd University (ELTE), Budapest

from	to	Monday	Tuesday	Wednesday	Thursday	Friday
9	09:30					
09:30	10		WP1 session	WP5 session	WP6 + 7 session	Executive Group meeting
10	10:30					
10:30	11		Coffee break	Coffee break	Coffee break	
11	11:30					
11:30	12		WP1 discussion session	WP3 session	WP8 + 9 session	
12	12:30					
12:30	13		Lunch	Lunch	Lunch	
13	13:30					
13:30	14					
14	14:30	WP1 meeting (only for WP1 participants)	WP4 session	Discussion session: Effects of the delayed aircraft campaign	Advisory board session: feedback to the consortium	
14:30	15				General discussion session	
15	15:30			Coffee break		
15:30	16				Coffee break	
16	16:30					
16:30	17			Poster session	Breakout sessions	
17	17:30		WP2 session			
17:30	18					
19				Dinner		
19:30						

**Aircraft Campaign Group meeting – Monday 26 October, 2015****11:00 – 12:30 Aircraft and Instrument status**

- 11:00 – 11:10 Welcome and organizational matters – Markus Rex, Imre János  
11:10 – 11:15 Agenda for the day – Fred Stroh  
11:15 – 11:30 Aircraft status – Gennady Beliaev  
11:30 – 12:30 Instrument Status (Integrations, Modifications, General issues ) – Discussions

**12:30 – 13:30 LUNCH****13:30 – 14:30 Kiruna Phase 1 / Test campaign**

- 13:30 – 13:50 Science objectives – Francesco Cairo  
13:50 - 14:30 Status of the planning, campaign schedule – Fred Stroh

**14:30 – 18:00 StratoClim AM Field Campaign**

- 14:30 – 15:30 Campaign Planning Status and Strategy – Fred Stroh  
15:30 – 16:00 Payload configurations and sharing – Hans Schlager

*16:00 – 16:30 Coffee break*

- 16:30 – 16:45 Political considerations around India campaign – Fred Stroh  
16:45 – 17:00 Data Protocol – Fred Stroh  
17:00 – 18:00 General discussions

**AGENDA – Tuesday 27 October, 2015****9:00 – 12:30 WP1: Tropical Field Campaign - session**

- 9:00 – 9:15 Welcome and organizational matters – Markus Rex, Imre János  
9:15 – 9:50 Status of Campaign Planning – Fred Stroh  
9:50 – 10:25 Lessons from OMO / Flight Planning (tentative) – Hans Schlager  
10:25 – 11:00 Sulfur chemistry/Particle formation/Dynamics (tentative) – Marc von Hobe

*11:00 – 11:30 Coffee break*

**11:30 – 12:30 General WP1 discussion session****12:30 – 14:00 LUNCH****14:00 – 17:00 WP4: Process Studies and mesoscale modelling session**

- 14:00 – 14:30 Impact of different Asian source regions on the composition of the Asian monsoon anticyclone and on the extratropical lowermost stratosphere- Bärbel Vogel  
14:30 – 15:00 Transport across the TTL and convection - Bernard Legras  
15:00 – 15:30 Giga-LES of Hector the Convecting keeping the tallest updrafts undiluted up to the Stratosphere - J.P. Chaboureau  
15:30 – 16:00 Model calculations of the contribution of SO<sub>2</sub> to the stratospheric sulfur layer - Ingo Wohltmann

*16:00 – 16:30 Coffee break*

**16:30 – 17:00 Cross cutting:** from process to global modelling – Markus Rex

---

**17:00 – 18:00 WP2: Ground stations session**

17:00 – 17:30 The relevance of the tropical West Pacific for stratospheric composition & status of the Palau research station – Markus Rex

17:30 – 17:45 WP2 Cobald sounding program for observing aerosol backscatter (tentative) - Simone Brunamonti

17:45 – 18:00 General WP2 discussions

---

**AGENDA – Wednesday 28 October, 2015****9:00 – 11:00 WP5: Global climate modelling session**

09:00 – 09:30 Overview of WP5: Current activities and future work - Martin Dameris and Chiara Cagnazzo

09:30 – 10:00 Stratospheric ozone in the tropics and the Arctic - James Keeble and Neal Butchart

10:00 – 10:30 Stratospheric sulphur and its role in climate - Claudia Timmreck

10:30 – 11:00 The StratoClim tropical campaign document - Matthias Nützel

*11:00 – 11:30 Coffee break*

**11:30 – 12:30 WP3: Satellites session**

11:30 – 11:35 Introduction to WP3 – Gabriele Stiller

11:35 – 11:55 Global Sulfur (SO<sub>2</sub> and COS) distributions in the UTLS from MIPAS - Michael Höpfner

11:55 – 12:15 High cloud cover observed from geostationary satellites - Geneviève Sèze

12:15 – 12:20 Diagnose the variability of the Asian Anticyclone at various scales: identify processes, provide decision elements to the campaign, evaluate models. - Federico Fierli

12:20 – 12:30 discussions

**12:30 – 14:00 LUNCH**

**14:00 – 15:30 DISCUSSION SESSION:** Effects of the delayed aircraft campaign

*15:30 – 16:00 Coffee break*

**16:00 – 18:00 POSTER SESSION**

**19.00 Joint dinner** *Location to be announced*

---

**AGENDA – Thursday 29 October, 2015****9:00 – 11:00 WP6: Socioeconomic implications +WP7: Public dissemination and stakeholder services session**

9:00 – 9:30 Introduction and overview on WP6 activities – Kain Glensor, Imre Jánosi

9:30 – 10:00 Introduction and overview on WP7 activities – Rolf Müller

10:00 – 10:30 Citizen science and school projects for air quality: contribution to StratoClim – Federico Fierli

*11:00 – 11:30 Coffee break*

**11:30 – 12:30 WP8: Scientific Management + WP9: Administrative Management session**

11:30 – 11:45 Scientific implementation of FP7 funded projects – Leena Viitanen

11:45 – 12:15 Financial implementation of FP7 funded projects– Maria Eden

12:15 – 12:30 Questions and discussions

---

**12:30 – 14:00 LUNCH**

**14:00 – 15:00 Advisory Board session:** Feedback to the consortium – Laura Pan, National Center for Atmospheric Research

**15:00 – 16:00 General discussion session** – Moderator: Markus Rex

*16:00 – 16:30 Coffee break*

**16:30 – 18:00 Breakout sessions**

**AGENDA – Friday 30 October, 2015**

**9:00 – 11:00 StratoClim Executive Group meeting**

**Participant List**

No	Name	Acronym	Poster location
1	Markus Rex	AWI	
2	Peter von der Gathen	AWI	
3	Maria Eden	AWI	
4	Leena Viitanen	AWI	
5	Ralph Lehmann	AWI	
6	Ingo Wohltmann	AWI	4.3
7	Wolfgang Dorn	AWI	5.4
8	Katrin Müller	AWI	2.4
9	Holger Deckelmann	AWI	
10	Daniel Kreyling	AWI	5.6
11	Chiara Cagnazzo	ISAC-CNR	5.1
12	Francesco Cairo	ISAC	2.2
13	Silvia Viciani	CNR-INO	
14	Federico Fierli	CNR	
15	Geneviève Sèze	IPSL/CNRS/UPMC	3.5
16	Jean-Pierre Chaboureau	CNRS	4.1
17	Rong-Ming Hu	LATMOS/CNRS	5.5
18	Pasquale Sellitto	LMD-ENS	3.4
19	Bernard Legras	LMD-ENS	4.2
20	Matthias Nützel	DLR	5.8
21	Martin Dameris	DLR	
22	Hans Schlager	DLR	
23	Bo Christiansen	DMI	5.3
24	Simone Brunamonti	ETH Zurich	2.1
25	Christina Schnadt Poberaj	ETH Zurich	
26	Beiping Luo	ETH Zurich	3.3

27	Bärbel Vogel	JUELICH	4.3
28	Marc von Hobe	IEK-7	1.2
29	Corinna Kloss	JUELICH	1.1
30	Rolf Müller	JUELICH	
31	Fred Stroh	JUELICH	
32	Kirstin Krüger	UiO	5.7
33	Annika Günther	KIT-IMK-ASF	3.2
34	Felix Friedl-Vallon	IMK/KIT	
35	Gabriele Stiller	KIT - IMK-ASF	
36	Martin Schnaiter	KIT	
37	Emma Järvinen	KIT	
38	Michael Höpfner	KIT	
39	Claudia Timmreck	MPI	
40	Christoph Brühl	MPI	
41	Sergej Molleker	MPI	
42	Antonis Dragoneas	MPI	
43	Daniel Gerber	STFC-RAL	
44	Imre M. János	ELTE	6.1
45	Peter Orvos	ELTE	
46	Winfried Markert	UniHB	2.3
47	Philip Rupp	UCAM	5.9
48	James Keeble	UCAM	
49	Neal Butchart	METO	5.10
50	Giorgio Taverna	UNIVLEEDS	
51	Martyn Chipperfield	UNIVLEEDS	
	Natalia Calvo	UCM	5.2
52	Kain Glensor	WI	
53	Abdus Salam	Univ. DHAKA	
54	Gennady Beliaev	MDB	