Third Circular Third Circular

IMPORTANT DATES

WORKSHOP IWIC-V: 16 - 23 September 2012

Paper submission: 30 November 2012





INTERNATIONAL WORKSHOP ON ICE CAVES

PAPER SUBMISSION

Papers will be published in "Geografia Fisica e Dinamica Quaternaria," the new ISI on-line Journal on Physical Geography and Geomorphology. Papers must be submitted no later than 30 November 2012.

Submitting a paper to GFDQ – Instruction to Authors http://gfdq.glaciologia.it/submitting/

WORKSHOP FEES Full

Fee 300 Euro 240 Euro

Accompanying persons 180 Euro
Daily fee 60 Euro

Pre-workshop excursion 30 Euro

16 - 23 September 2012 Barzio (LC), Valsassina, Grigna and Milano - Italy



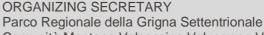




Photo Mangiagalli

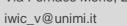
OFFICIAL WEBSITE

http://users.unimi.it/icecaves/IWIC-V/



Comunità Montana Valsassina Valvarrone Val d'Esino e Riviera

Via Fornace Merlo, 2 - 23816, Barzio (LC) ITALY







Third Circular SCIENTIFIC COMMITTEE

Alfredo Bini - Univ. Milano, IT Zoltàn Kern - Univ. Bern, CH Valter Maggi - Univ. Milano-Bicocca, IT Aurel Perşoiu - Univ. Suceava, RO Andreas Pflitsch - Univ. Bochum - D Stefano Turri - GeoSFerA, IT George Veni - NCKRI - USA

President Member Member Member Member Member Member



WHY IWIC

IWIC is a series of workshops devoted entirely to ice cave research. After meetings in Romania, Slovak Republic, Russia, and Austria, Italy now hosts this unique workshop. We offer a place to examine the state-of-the-art, discuss ongoing research efforts, and boost international cooperation. We will explore interest for future research projects and define a general strategy for ice cave studies and management.

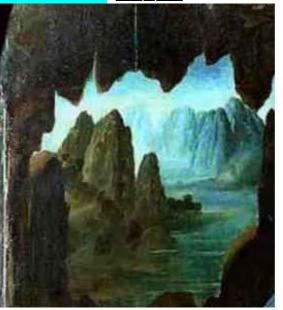
IWIC-V is an ideal opportunity to widen communication among interested researchers and highlight important research results. IWIC-V is organized under the auspices of the Glacier, Firn, and Ice Caves Commission of the International Union of Speleology, AIGEO and the Italian Glaciological Committee.

SCIENTIFIC SECRETARY

Stefano Turri: GeoSFerA - Studio Associato di Geologia iwic v@unimi.it











THEMES OF WORKSHOP

- Cave glaciology/ice dynamics
- Cave meteorology/climatology
- Cryo-mineralogy and cryo-crystallography
- Paleoclimatology and global change
- Chemistry and geochemistry of ice caves
- Ice cave management and technology

ORAL and POSTER presentations are welcome. The workshop official language is English.

Special sessions will organize for groups interested in scientific discussions to explore different topics or project activities.

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	Programme:			
	Sunday, September 16, 2012			
12.00 14.30 - 20.00	Open IWIC registration desk Pre-workshop excursion on Como Lake by boat. "The geological setting of Grigne Massif and the evolution of Como Lake" by Zuccoli and Bini	15.40 - 16.00	Mavlyudov - Glacial caves of the Bellingshausen Dome and adjacent areas, King George Island, South Shetland Islands, Antarctica	
		16.00 - 16.20	Ferrario - A new register for the glacial caves	
20.00 - 22.00	Ice-breaker party in Comunità Montana Valsassina Valvarrone Val d'Esino e Riviera	16.20 - 16.40	Tognini - Evidence of a subglacial lake in a contact cave on the Forni Glacier (Valtellina, I)	
		16.40 - 18.00	Discussion and poster session	
	Monday, September 17, 2012	19.00	Dinner in hotel	
09.30 - 10.00	Welcome Ceremony	21.00 - 23.00	SPELEOLOGICAL PRESENTATION (video and photo)	
	INTRODUCTION TO ITALIAN ICE CAVES		"Underground Lombardy: a trip inside the main Lombard cave	
10.00 - 10.20	Turri, Bini, Maggi - Ice caves scientific research history: from		systems" by FSLo Federazione Speleologica Lombarda	
	Leonardo da Vinci to the end of 1800		Tuesday, September 18, 2012	
10.20 - 10.40	Menichetti, Salvatori, Poderini - Ice caves in Central Italy		CAVE METEOROLOGY AND CLIMATOLOGY	
10.40 - 11.00	Coffee Break	09.20 - 09.40	Böckler , Pflitsch , Killing-Heinze - A comparison of temperature data loggers and measuring sensors of different price levels and	
11.00 - 11.20	CAVE GLACIOLOGY AND ICE DYNAMICS Grebe, Pflitsch - Ice cave research - from a phenomenon to modern research		construction types to test their reaction time, accuracy and applicability in cave research	
11.20 - 11-40	Colucci, Forte, Guglielmin - Underground cryosphere in the	09.40 - 10.00	Kosutnik - Temperature monitoring in Slovene Ice Caves	
11.40 - 12.00	Monte Canin Massif, Alpi Giulie (Italy) Pflitsch, Schörghofer, Smith - Exploration of Ice Caves on Mauna	10.00 - 10.20	examples, results and discussion Holmgren, Pflitsch - Talus & Gorge Glacier past to present - A	
11.40 - 12.00	Loa, Hawaii	10.00 - 10.20	historical and microclimatological research in the Northeastern	
12.00 - 12.20	Yang, Shi - The numerical simulation of a saving mechanism of Ice		United States	
12.20 - 14.00	Cave in Ningwu, China Lunch	10.20 - 10.40	Korzystka, Piasecki, Sawiński, Zelinka - "Chimney effect" and its	
14.00 - 14.20	Stepanov, Kichigin, Tainitsky - Investigation of ice thickness in	10.20	influence on the thermal conditions of the Dobšinská Ice Cave	
	the Urals caves using Georadar	10.40 - 11.00	Coffee Break	
	CRYO-MINERALOGY AND CRYO-CRYSTALLOGRAPHY	11.00 - 11.20	Morard, Bochud, Delaloye - Ice mass and frozen ground in permeable ventilated systems: comparison between a dynamic ice	
14.20 - 14.40	Kalinina, Tchaikovskiy, Kadebskaya - Mineral crusts at the		cave and overcooled talus slopes in western Switzerland	
44.40.45.00	surface of lakes of warm and cold zones in the Kungur Ice Cave	11.20 - 11.40	Mihevc - The influence of the ice caves on climate of karst	
14.40 - 15.00	Kadebskaya - Cryogenic minerals of some ice caves of the Urals		depressions – case of low altitude permafrost at Smrekova draga, Trnovski gozd, Slovenia	
15.00 - 15.20	Coffee Break	11.40 - 12.00	Pflitsch, Grebe, Grudzielanek - About the use of thermal	
	GLACIAL CAVES	12.00 - 12.20	cameras in cave micrometeorological studies Rojšek - Cave ice in Velika ledena jama v Paradani, Slovenija	
15.20 - 15.40	Tognini - Role of subglacial caves in the evolution of glacier in the snout area: two examples on the Forni Glacier (Valtellina, I) and Morteratsch Glacier (CH)		-,	
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12.20 - 14.00	Lunch
	PALEOCLIMATOLOGY AND GLOBAL CHANGE
14.00 - 14.20	Perşoiu, Bojar - δ ¹³ C in cave ice: a new proxy for palaeoprecipitation reconstructions
14.20 - 14-40	Shu, Jin, Huang, Zhang, Wu - China's anti-season ice caves
14.40 - 15.00	Maggi, Turri, Bini, Perşoiu, Onac, Stenni, Udisti - Two millennia of natural to antropogenic effects in Transylvania from Focul Viu ice core
	CHEMISTRY AND GEOCHEMISTRY OF ICE CAVE
15.00 - 15.20 15.20 - 15.40	Kern, Széles, Bočić - Lead concentrations and stable lead isotopes from a Croatian cave ice profile Coffee Break
15.40 - 16.00	Sattler, Standhartinger, Hoover, Wendlinger, Spötl, Psenner -
	Microbiology in Alpine and Antarctic Ice and Glacier Cave
16.00 - 16.20	Trushkova - Research of air ion composition of Kungur Ice cave
	atmosphere ICE CAVE MANAGEMENT AND TECHNOLOGIES
16.20 - 16.40	Byun - Advanced use of ice caves as water storage
16.40 - 17.00	Korzystka, Piasecki, Sawiński, Zelinka - Human impact on the ice cave climatic environment - case study from entrance area of the Dobšinská Ice Cave
17.00 - 17.25	Pflitsch - Presentation of IWIC-VI in the USA
17.25 - 18.00 19.00	Discussion and poster session Dinner in hotel
21.00 - 23.00	SPELEOLOGICAL PRESENTATION (video and photo)
	"Grigna caves: the deep heart of the mountain" by In Grigna!
	Wednesday, September 19, 2012
	FIELD EXCURSION*
7.30	Helicopter travel from Barzio to Rifugio Brioschi (Brioschi Refuge) (2410 m). The first day of field excursions will be in the Moncodeno karst area in the northern side of Grigna Mountain. This is the principal location of ice caves in this area. It may be possible, for those with vertical caving equipment, to enter some shafts. "The karst of Moncodeno area, Italian Alps" by Bini, Pellegrini and Zuccoli
	Remember mountain equipment, Moncodeno is a high mountain Karst area.
19.00	Dinner, discussions and accommodation in Rifugio Bogani (Bogani Refuge) (1816 m)
	*organize your backnack for two days of field excursion

Thursday, September 20, 2012

FIELD EXCURSION*

Second day of field excursion is also in the Moncodeno karst area. We will visit Moncodeno Ice Cave, the famous cave visited and described by Leonardo da Vinci and Stenone
 Dinner, discussions, closing ceremony of IWIC-V and accommodation in Rifugio Cainallo (Cainallo Refuge) (1290 m)

Friday, September 21, 2012

Tranfer to Milano - Bicocca University during the morning Other Scientific talks and visit the new "Ice Lab" in Milano. Lunch in Milano - Bicocca University Closure of workshop

Possible start for post-Workshop field trip

September 21 - 23, post-workshop Excursion

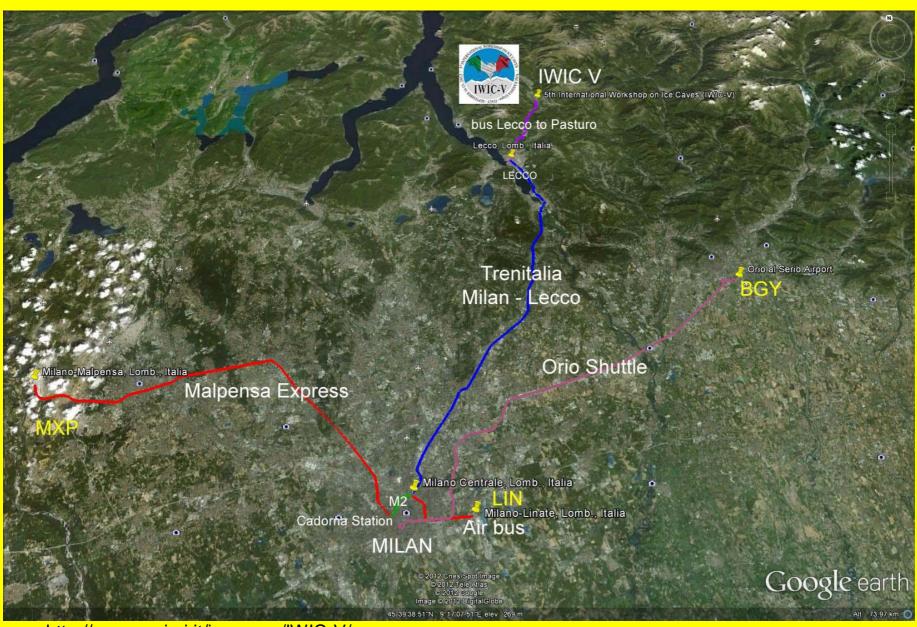
HOW TO GET TO IWIC-V

- 1) if you arrive in Italy **by airplane** you can arrive in one of the three airports near Milan:
- a) Linate (LIN): in this case you will arrive at Milano Centrale railway Station (CENTRALE FS) by bus (AIR BUS)
- b) Malpensa (MXP): in this case you will arrive at Milano Centrale railway Station (CENTRALE FS) directly by train (MALPENSA EXPRESS) or at Milano Cadorna FNM Station by train and then from Cadorna to Central Station (CENTRALE FS) by underground (underground green line M2, direction Cascina Gobba/Cologno/Gessate)
- c) Orio al Serio International Airport (BGY): in this case you will arrive at Milano Centrale railway Station (CENTRALE FS) by bus (ORIO SHUTTLE)

from Milano Centrale Station (CENTRALE FS) to Lecco by train from Lecco (PIAZZALE STAZIONE) to Pasturo (PASTURO BIVIO) (Valsassina) by Bus → IWIC

2) if you arrive in Italy **by train** you will arrive at Milano Centrale Station (**CENTRALE FS**)

from Milano Centrale Station (CENTRALE FS) to Lecco by train from Lecco (PIAZZALE STAZIONE) to Pasturo (PASTURO BIVIO) (Valsassina) by Bus → IWIC



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