

Poster program

All posters will be on display during the whole conference from Monday to Wednesday to leave ample room for discussions around the posters.

Poster blitz session: Plenary session where each poster is briefly presented with only 1 slide and in 1 minute to introduce the posters before the poster session.

Note that the name of the speaker for each poster (blitz presentation and poster presentation) is underlined in the program below. If the speaker is a PhD or MSc student, the name is followed by a star (*).

Poster session: the speaker is expected to remain around his poster during the poster session following his presentation during the poster blitz.

Poster locations: Posters will be on display in the open area in the first and second floor of the building (see map)

Posters with an **odd ID number** (1, 3, 5, etc.) will be on the **first floor**.

Posters with an **even ID number** (2, 4, etc.) are located on the **second floor**.

Posters presented during the poster Blitz session of Monday

ID	Title	Authors
1	A database to assess impacts of land use and climate change on Europe's karst regions	<u>Simon Brenner</u> , Vera Marx and Andreas Hartmann
2	Archives paléoclimatiques karstiques : trois événements majeurs au cours du dernier million d'années	<u>Christiane Causse</u>
3	A new compact field fluorometer designed for tracer test in cave environments	<u>Amaël Poulain</u> (*), Gaëtan Rochez, Jean-Pierre Van Roy, Lorraine Dewaide, Vincent Hallet and Geert De Sadelaer
4	Processes modelling applied to evaluation of karst hydrosystem recharge at the stand scale	<u>Simon Damien Carrière</u> , Charles Danquigny, Hendrik Davi, Konstantinos Chalikakis, Chloé Ollivier, Nicolas K. Martin-Stpaul and Christophe Emblanch
5	Groundwater flow and solute transport modeling in the Ox Bel Ha karst system (Quintana Roo, Mexico)	<u>Grégory Kaeser</u> (*), Axayacatl Maqueda, Martin Hendrick, Arnulf

		Schiller, Robert Supper and Philippe Renard
6	Verification of the karst flow model under laboratory controlled conditions and use of physical karst flow model	Hrvoje Gotovac, Ivo Andric, <u>Luka Malenica</u> (*) and Veljko Srzic
7	Numerical simulation of Managed Aquifer Recharge into a karst aquifer using an Equivalent Porous Medium approach	Julian Xanke, Hervé Jourde, Tanja Liesch and <u>Nico Goldscheider</u>
9	Hydrogeological conditions in genesis of the rare Circular Anemolites in caves (Dinaric karst, Croatia)	<u>Mladen Garasic</u> and Davor Garasic
12	Identification of exokarst relief through LIDAR technique: karst island of Cozumel, Mexico	<u>Oscar Frausto</u> , Angelica Zapi and Christian Koch
13	Shui Jing Po Shilin, Rock and Relief of Stone Forests on Cone Hills, Yunnan, China.	<u>Martin Knez</u> , Tadej Slabe and Hong Liu
15	Advanced airborne electro-magnetics for capturing hidden conduits and hydrological parameters by helicopter over the Ox Bel Ha karst conduit system (Quintana Roo, Mexico)	<u>Arnulf Schiller</u> and Ingrid Schattauer
19	Concentration of nitrates in Spanish carbonate aquifers: influence of soil TOC and land use	<u>Juan Antonio Luque-Espinar</u> , Eulogio Pardo-Igúzquiza, Juan Grima-Olmedo, Sandra Martínez-Romero, Juan José Durán-Valsero and Carlos Grima-Olmedo
20	Surface and groundwater quality vs. waste dumping within the Lagoa Santa Karst, Minas Gerais, Brazil	<u>Rafael Camargo</u> (*), Mylène L. C. Berbert-Born and José Roberto Cassimiro
21	Process-based modelling of contaminant attenuation in karst aquifers	<u>Michael Sinreich</u>
23	Deep Palaeozoic Karst: Geothermal Potential in Great Britain	<u>Nadia Narayan</u> (*), Jon Gluyas, Charlotte Adams, Jonathan Imber and Malcolm Butler
24	Dynamics of ground water level and temperature in karstic catchment of Ljubljana river, Slovenia	<u>Franci Gabrovsek</u> and Matej Blatnik
25	Hydraulic and geochemical characterization of the Villány thermal karst area (Hungary)	<u>Katalin Csondor</u> (*) and Anita Eröss
26	Karst development of Bolkar mountains (Southern Turkey)	<u>Koray Törk</u> , Noyan Güner, Fatih Savas, Korhan Çakir and İsmail Kahraman
27	Groundwater-surface water interaction analysis as a tool for environmental protection of the Upper Valley of Aniene River, Central Italy	<u>Giuseppe Sappa</u> and Flavia Ferranti
30	Hydrostructural characterization of the karst reservoir in the Umbria-Marche Apennine, Italy	<u>Andrea Tamburini</u> (*) and Menichetti Marco

Posters presented during the poster Blitz session of Tuesday

ID	Title	Authors
31	Three conceptual models of groundwater circulation in gypsum rocks: some examples from Northern Italy	Bartolomeo Vigna , Adriano Fiorucci and Jo De Waele
32	The Betteraz spring: an attempt to understand the origin of its contamination	Celia Trunz (*) , Philippe Renard, H�el�ene Demougeot-Renard and Laurence Fischer
33	Excavation of a Ship Lock Under Uncertainty from Karst-Conduit Dominated Groundwater Flow	H�ector Montenegro and Uwe Hekel
34	Groundwater geochemistry of Su Bentu cave (Sardinia, Italy)	Laura Sanna (*) and Jo De Waele
35	Identification of vadose karst voids and ventilation patterns using hydrochemical and geophysical methods (Maro Spring, Nerja, South Spain)	Jose Benavente , I�naki Vadillo, Cristina Li�n�an, Francisco Jos�e Mart�inez-Moreno, Jes�s Galindo-Zald�ivar and Francisco Carrasco
36	Multidisciplinary hydrogeological approach in folded and faulted karst aquifers under intensive exploitation: the Bedmar-J�odar aquifer (Southern Of Spain)	Antonio Gonz�alez Ram�on , Sergio Martos Rosillo, Ana Ruiz Const�an, Antonio Pedrera Parias, Jesus Galindo Zaldivar and Manuel Mart�inez Martos
38	Structural setting, underground water flow and hydrochemistry of the Alburni karst aquifer (southern Apennines, Italy)	Simona Cafaro, Claudio Pastore, Adriano Fiorucci, Bartolomeo Vigna, Marcello Schiattarella and Jo De Waele
40	Hydrological budgeting of Red Lake (Dinaric Karst) in Croatia	Ivo Andric , Hrvoje Gotovac, Veljko Srzic and Luka Malenica
41	Structure et Hydrog�eologie du pal�ozoique des monts d'Ougarta (La Saoura, sud Ouest alg�erien).	Touhami Merzougui
42	Origine de l'eau d'une source karstique en relation avec une rivi�re – Etude par tra�ages artificiels et tests hydrauliques de la vuln�rabilit� de la source Saint Antoine (Toulon- SE France)	Thierry Lamarque, Philippe Maurel, Bruno Arfib , Th�r�ese N'dah and C�cile Baudement
43	Int�gration de l'organisation redox des hydrog�osyst�mes de socle fissur�s dans la protection des eaux souterraines contre les pollutions nitrat�es diffuses.	Jean-Pierre Faillat
44	Caract�risation hydrog�ochimique (ions majeurs et isotopes) des �changes entre karst et rivi�re. La rivi�re C�ze et ses �mergences karstiques au niveau du plateau de M�jannes-le-Clap (Gard, France)	J. R�-Bahuaud , H. Chapuis H., Graillot D., Lavastre V., Jolivet J., Le Gal La Salle C.
45	Hydrochemical heterogeneity in karst tributaries on siliciclastic boundaries – Corrente River, Bahia – Brazil.	Emmanoel V. Silva Filho , Karina L. Lecomte and Cristina C. Bicalho
46	Geochemistry and microbiology of waters in the gypsum karst areas of Emilia Romagna region (N-Italy).	Diana I. Serrazanetti, Chiara Montanari, Ilenia M. D'Angeli,
49	The multidisciplinary research of the karstic collapse in Konya closed basin (Central Turkey)	Davide Gottardo, Lucia Vannini, Fausto Gardini, Jo De Waele Koray T�rk , N. G�ner, B. Erduran, N.P. Yilmaz, S. Suluk�u, L. Yeleser, �. Ate�, G. Mutlu, N. Sertel, S. Kele�, A. �. �. Demirba�, T. Toksoy, C. �zg�r, S. Yavuz, K. Avci , C. �zerk, and A. Bulut
50	Geometry and functioning of a compartmentalized karst aquifer using the KARSYS approach, Picos de Europa (Spain)	Daniel Ballesteros (*) , Arnauld Malard, Pierre-Yves Jeannin, Montserrat Jim�nez-S�nchez, Joaqu�n Garc�a-Sansegundo, M�nica Mel�ndez-Asensio and Gemma Sendra
51	Karst conduit networks simulation based on morphometric characterization of karst analogues	Johan Jouv�s (*) , Sophie Viseur, Bruno Arfib, Yves Guglielmi and Hubert Camus
52	Spectral analysis of time series of carbonate aquifer of Sierra Gorda	Juan Antonio Luque-Espinar , Eulogio Pardo-Iguzquiza, Antonio Gonz�lez-Ram�n, Manuel L�pez-Chicano and Juan Jos� Dur�n-Valsero
53	Turbidity forecasting with machine learning: Yport fresh water pumping well case study.	Micha�l Savary (*) , Anne Johannet, Nicolas Massei, Jean Paul Dupont and Emmanuel Hauchard
54	Time-lag analysis of natural responses during unitary recharge events to assess the functioning of carbonate aquifers in Sierra de Grazalema Natural Park (Southern Spain)	Dami�n S�nchez, Jos� Francisco Mart�n, Mat�as Mudarra , Bartolomeo Andreo, Manuel L�pez-Rodr�guez and Mar�a Roc� Navas
58	Improved Assessment of Groundwater Recharge in a Mediterranean Karst Region - Andalusia, Spain	Lara Kirn , Mat�as Mudarra, Ana Mar�n, Bartolomeo Andreo and Andreas Hartmann
59	Vulnerability mapping of a vast karst hydrosystem. Application and adjustments of PaPRIKA method to the Fontaine-de-Vaucluse catchment (France)	Yoann Lecomte, Chlo� Ollivier (*) , Konstantinos Chalikakis, Charles Danquigny, Christophe Emblanch and Naomi Mazzilli