



DRAFT

Future of Water in Europe

Local, regional and
global best practice

PROGRAMME

5th Annual Water Efficiency Conference
5-7 September 2018
University of Aveiro, Portugal

wat**f**
Conference of the Water Efficiency Network

Thursday 6th September 2018

8:00 AM	REGISTRATION AND COFFEE - Room		
8:45 AM	WELCOME: Prof Armando Silva Afonso (Chair)		VENUE
9:00 AM	Key note speaker:	Prof Carlos Borrego	Lecture Theatre
9:40 AM	Q & A		Title: Climate Change, Heat Waves and Water Stress: time for change

Session 1: Lecture Theatre		Session 2: Room 1	
9:50 AM	Session chair:	Dr Ricardo Cobacho	Session chair: Dr Carla Pimental-Rodrigues
	35	Fernanda Rodrigues, Hugo Rodrigues and Manuela Borges	2 James Jenkins and Joshua Ward
10:05 AM	17	Catarina Lúcio, Cristina Matos Silva and Vitor Sousa	13 Kemi Adeyeye, Kaiming She and Ines Meireles
10:20 AM	46	Eran Friedler and Mike Adel	43 Vitor Sousa, Inês Meireles, Kemi Adeyeye and Kaiming She
10:35 AM	41	Tiago M. Luna and João P. Ribau	24 Sarah Ward, Steve Brown, Kemi Adeyeye, Aaron Burton, Martin Shouler and Sirai Tahir
10:50 AM	31	Amber Garnett, Sandi Sirikhanchai and Andrew Pollard	
11:05 AM	Discussion (Q&A)		Discussion (Q&A)

REFRESHMENTS

Session 1: Lecture Theatre		Session 2: Room 1	
11:40 AM	Session chair:	Dr Ines Miereles	Session chair: Prof Chad Staddon
	4	Armando Silva Afonso and Carla Pimental-Rodrigues	1 Ilka Gehrke, Victor Katayama and Erwin Nolde
11:55 AM	47	Fredrick Mbanaso, Susanne Charlesworth, Steve Coupe, Alan Newman and Ernest Nnadi	11 Djordje Mitrovic, Juan Antonio Rodriguez Diaz, Jorge Garcia Morillo, Paul Coughlan, John Gallagher and Aonghus McNabola
12:10 PM	42	Beatriz Castiglione and Paulo Palha	44 Mariana Simão, Mohsen Besharat and Helena M. Ramos
12:25 AM	39	Susanne Charlesworth, Andrew Adam-Bradford, Mitchell McTough, Frank Warwick and Matthew Blackett	10 Katherine Hyde, Amin Emadi and Matthew Smith
12:40 PM	Discussion (Q&A)		Discussion (Q&A)

LUNCH / Exhibitions / Poster & VIDEO Display

Session 1: Lecture Theatre			Session 2: Room 1		
#	authors	title	#	authors	title
		Session chair: Dr Erin Friedler			Session chair: Prof Sue Charlesworth
1:50 PM	29	Lutz Johnen	48	Paul Wills, Fayyaz Memon and Dragan Savic	Development of low-cost flow sensors using accelerometers
2:05 PM	3	James Jenkins and Tulsi Pankhania	33	Eleni Tracada and Francesco Varone	Renaturalising the water courses: dynamic interactions between communities and nature.
2:20 PM	27	Mousavi, Zoran Kapelan and Amir Alani	21	Vitor Sousa, Inês Meireles, Alexandre Gonçalves and Ana Paula Falcão	A D(r)ying River: the Upper Paiva
2:35 PM	18	Teresa A. Paço, Ricardo Cruz de Carvalho, Pedro Arsénio and Diana Martins	19	Sofia Abrantes, Flora Silva and António Albuquerque	Technical solutions for water reuse in a social and cultural center
2:50 PM	Discussion (Q&A)		Discussion (Q&A)		

REFRESHMENTS - VENUE

3:20 PM	VENUE	Location: Lecture Theatre	
	Introduced by: Dr Kemi Adeyeye		
	Dr Eleni Tracada	People and Communities	Technical Committee Showcase
	Dr Sarah Ward	Service innovation Committee	
	Lutz Johnen	Surface water management and water reuse	
	Dr Aonghus McNabola/ Dr John Gallagher	Water-energy nexus	

3:50 PM	VENUE	Lecture Theatre	
		Industry Session 1: Future of water in Europe: Local, regional and global best practice	
	Chair:	Prof Armando Silva Afonso	

Close

Friday 7th September 2018

8:00 AM REGISTRATION AND COFFEE - VENUE

8:00 AM WELCOME: Dr Carla Pimental Rodrigues (Chair) VENUE Lecture Theatre

8:45 AM Key note speaker: **Prof. Francisco Arregui** Title: **New trends in high frequency water demand monitoring and analysis: experiences and challenges**

9:00 AM Q & A

9:40 AM REFRESHMENTS

Session 7: Lecture Theatre

Industry Session 2: Micro hydro energy recovery and system control towards smart water grids

Chair: **Prof. Helena Ramos**

12:00 PM LUNCH / Exhibitions / Poster & VIDEO Display

Session 1: Lecture Theatre

Session 2: Room 1

#	authors	title	category	#	authors	title	category
	Session chair:	Dr James Jenkins			Session chair:	Prof Fernanda Rodrigues	
1:00 PM	23 Sara Lopes Souto and Marcus Andre Siqueira Campos	Potential of Rainwater Harvesting In A Brazilian Neighbourhood	Water efficiency in all sectors; domestic, industry, agriculture etc.	7	António Cunha, Francisco Pereira, João Grácio, Elisabete Silva, Cristina Matos and Sandra Pereira	WATERS: A system architecture for acquire dwellings water & energy consumptions	Water-energy, water-energy-food nexus
1:15 PM	28 Karen Simpson, Chad Staddon, Fiona Spotswood and Sarah Ward	Water consumption, conservation and showering by young adults – moving beyond the individual towards a techno-social approach to reducing the water demand of cleanliness		26	Oriana Landa-Cansigno, Kourosh Behzadian, Diego Davila-Cano and Luiza Campos	Water-Energy-Pollutant Nexus Assessment of Water Reuse Strategies in Urban Water Systems using Metabolism Based Approach	
1:30 PM	12 Jose Carlos Roldan, Ricardo Cobacho, Francisco Arregui, Alvaro Tormos and Antonio Guill	Development of a noise-sensing device for water end-uses monitoring		8	Cristina Matos, António Cunha, Francisco Pereira, A.M. Gonçalves, Elizabete Silva, Sandra Pereira, Bentes Isabel, Diana Faria and Ana Briga Sá	ENERWAT PROJECT: some preliminary results	
1:45 PM	5 Richard Beattie	Legionella Risk in Domestic Water Services		38	Pedro Cardoso, Filipa Newton, Ana Poças, Diogo Belirão, Charalampos Malamatenios, Georgia Veziriyanni, Javier López, Rossella Martino and Giovanni Carapella	Skills for Water Efficiency and Water-Energy Nexus in Building Construction and Retrofit	
2:00 PM	22 Rita Pombo, Ines Meireles and Vitor Sousa	Environmental benefits from water efficient taps		40	Armando Silva-Afonso, Fernanda Rodrigues, Armando Pinto, Joaquim Macedo, António Silva Santos and Carla Pimentel-Rodrigues	Nexus between Water-Energy Efficiency in University Buildings: A Case Study	
2:15 PM	Discussion (Q&A)			Discussion (Q&A)			

2:30 PM LECTURE THEATRE: FINAL Q&A SESSION AND CLOSE

3:30 PM AVEIRO BY BOAT TOUR

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ANQIP

WatefCon 2018

Social Events Programme

Welcome drinks reception

Wednesday 5 September, 6:30pm



Celebrate the start of the conference with a glass of wine and canapes in the chic Casa de Chá, located in the beautiful surroundings of Aveiro's Museum of Art Nouveau (Museu Arte Nova).

Venue: Casa de Chá, Museum Arte Nova,
Rua Dr. Barbosa Magalhaes, 9, Aveiro 3800, Portugal

Conference dinner

Thursday 6 September, 7:30pm



For our WatefCon2018 gala dinner, we invite you to join us for an evening at Aveiro's historic Mercado do Piexe. Overlooking the São Roque canal, this will be an opportunity to relax and enjoy a three course meal including some of the fresh seafood dishes which this region is famous for.

Venue: Mercado do Piexe, Largo Praça Peixe N1, 3800-243 Aveiro
Dress code: Smart

Aveiro by boat tour

Friday 7 September, 3:30pm



Explore the city of Aveiro by colourful Moliceiro through its famous canal network with a local guide. The experience of sailing on a traditional boat in Aveiro and being able to enjoy the view of the city is a unique experience. This tour lasts around an hour, and is followed by a chance to sample some of the flavours of Aveiro, including sweet treats and local drinks made with herbs and honey.

Meeting point: to be advised

All social events are free to registered delegates and speakers at the conference, but places must be reserved in advance.

For bookings please see www.watefnetwork.co.uk/conference