

	TITLE	AUTHOR	FIRM / UNIVERSITY	NATIONALITY	email
	A numerical investigation of vapor flow in large air-cooled condensers	M. Owen, D. Kroger	Stellenbosch University	South Africa	mikeowen@sun.ac.za
	Numerical study of water spray for an inlet air cooling of natural draft dry cooling tower	Y. Sun, Z. Guan, K. Hooman, H. Gurgenci	University of Queensland	Australia	y.sun3@uq.edu.au
	Power recovery from cooling towers	M. Monjoie, F. Mosiewiz	Monjoie Cooling / Spig Energy	Belgium	<a href="mailto:monjoie.cooling@gmail.com">monjoie.cooling@gmail.com</a>
	Applications of dry cooling technologies in chinese power plants	J. Li, Y. Xue, Z. Guan, H. Gurgenci	Henan University and University of Queensland	China	li_jishun@163.com; guan@uq.edu.au
	Study on calculation method of thermal performance for the natural draft cooling tower with water cooled collectors	X. Song, S. Zhao, J. Feng	Institute of Resources and Hydropower Research	China	<a href="mailto:songxiaojun1982@163.com">songxiaojun1982@163.com</a>
	Comparison study of Natural draft steel structure DRY cooling tower and reinforced concrete DRY cooling tower	W. Li, J. Zheng	Electric Power Planning & Engineering Institute	China	wqli@eppei.com
	Performance Analysis and Optimization of an Air Cooled Steam Condenser based on the operation model of the Axial fans	Y. Huo, Y. Gao, W. Xia, Y. Yang, H. Li, Y. Dai	Institute of Turbomachinery	China	ypdai@mail.xjtu.edu.cn
	Numerical Study on Water Cooled Collectors zone resistance Characteristics of cooling tower	F. Guo, D. Gao, L. Fang, S. Xu, S. Zhao	Shandong Design Institute and IRHR	China	guofumin@sdepci.com
	Effect of Cross wind on the performance of a natural draft cooling tower with water cooled collector	F. Guo, W. Wang, F. Wu, J. Han	Shandong Design Institute of Electrical Power	China	guofumin@sdepci.com
	Effect of Noise Barrier on the performance of a natural draft cooling tower	F. Guo, B. Zhao, S. Xu, S. Zhao	Shandong Design Institute and IRHR	China	guofumin@sdepci.com
	Firewalls for Wet Cooling Towers	P. Hink, J. Bouten	SPX Cooling Technologies	United States of America	Paul.Hink@spx.com
	Firewalls for Wet Cooling Towers (to be modified since the subject is related to wind effect on fans performance))	P. Hink, J. Bouten	SPX Cooling Technologies	United States of America	Paul.Hink@spx.com
	Water conservation in wet cooling towers	P. Hink, J. Bouten	SPX Cooling Technologies	United States of America	Paul.Hink@spx.com
	Review of dry cooling technology advances in thermal power plants	Z. Guan, K. Hooman, H. Gurgenci	University of Queensland	Australia	<a href="mailto:guan@uq.edu.au">guan@uq.edu.au</a>
	Cooling technology developments for SCO2 Brayton cycle solar power plants	Z. Guan, K. Hooman, H. Gurgenci	University of Queensland	Australia	guan@uq.edu.au
	Overview of NSF-EPRI Collaboratively Funded Advanced Dry Cooling Program	J. Shi	Electric Power Research Institute	United States of America	jshi@epri.Com
	Computational Investigation on Heat transfer of large tube for SCO2 solar power plant cooling	J. Wang, Z. Guan, H. Gurgenci, K. Hooman, A. Veeragavan	University of Queensland	Australia	guan@uq.edu.au
	Comparison between FVM-DEM and LBM-DEM of particle-laden flows in idealised porous metal foam heat exchanger	E. Sauret, S. Galindo Torres, S. Kuruneru, P. Zhang, Y. T. Gu	University of Queensland	Australia	emilie.sauret@qut.edu.au
	EPRI Cooling System and Heat transfer R&D test center	J. Preece, R. Osteen	EPRI / Southern Company	United States of America	jpreece@epri.com
	MEDUPI power station air cooled condenser performances during windy conditions	F. Du Preez, O. Augustyn	Eskom SOC Ltd	South Africa	<a href="mailto:dpreezaf@eskom.co.za">dpreezaf@eskom.co.za</a>
	Thermal Upgrading of Cooling towers	R. Rusch	Industrial Water Cooling (Pty)Ltd	South Africa	roger@iwc.co.za

	TITLE	AUTHOR	FIRM / UNIVERSITY	NATIONALITY	email
	A new phosphorous-free corrosion inhibitor for carbon and galvanized steel	E. Ward	Rivertop Renewables R&D	United States of America	eric.ward@rivertop.com
	Analysis comparison for closed circuit evaoprative coolers	N. Anderson, R. Rusch	Industrial Water Cooling (Pty)Ltd	South Africa	neil@iwc.co.za
	Air cooling technologies - Engineering and Performance improvement	ACC-Team	ACC-Team	Netherlands	huubh@acc-team.com
	The reconditioning of multiple cooling towers replacing asbestos fill	O. Augustyn, F. Du Preez	Eskom SOC Ltd	South Africa	augustop@eskom.co.za
	Dynamic behavior of fan blades	N. Romano	Cofimco Engineering	Italia	n.romano@cofimco.com
	Study on errors of heat and mass transfer coefficient calculation of cooling tower fill	O. Nikolaeva, B. Svederlin, D. Eliseev	JSC "B.E. Vedeneev VNIIG"	Russia	eliseev@ekotep.ru
	Experimental investigation of critical air flow and bundle wetting in a delugable plain ube bundle	A. Graaf, M. Owen, H. Reuter	Stellenbosch University and Hamon Thermal Europe SA	South Africa	mikeowen@sun.ac.za
	A hybrid (dry/wet) cooling system for the Hvac industry : concept description and performance evaluation	A. Graaf, M. Owen, H. Reuter	Stellenbosch University and Hamon Thermal Europe SA	South Africa	mikeowen@sun.ac.za
	Alternative approach to fan design for air cooled condensers for increased performance under adverse conditions	O. Augustyn, F. Du Preez	Eskom SOC Ltd	South Africa	augustop@eskom.co.za
	The measurement of temporal water-side fouling using a portable test apparatus at a power plant	J. Goodenough, M. Owen, H. Reuter	Stellenbosch University	South Africa	johngoodenough@hotmail.co.za
	Rapid detection of legionella by IMS and flow cytometry	C. Aguilar, M. Stockli, C. Rachmuhl, A.K. Ehler, A. Julian, D. Morger, H.A. Keserue	Rqmicro AG	Switzerland	ha.keserue@rqmicro.com
	Implementation of a drift flux multiphase model for 3D draft cooling tower simulation in Code-Saturne	N. Tonello, M.Ferrand	EDF R&D / Renuda	England	nicolas.tonello@renuda.com
	Numerical study of the behavior of an air pre-cooler	J. Lopez-Nunez, B. Zamora, F. Sanchez, P. Martinez, J Ruiz, M. Luca, A. Kaiser	Universidad Polit3cnica de Cartagena / Universidad Miguel Hernandez	Spain	antonio.kaiser@upct.es
	Numerical optimization of a new design of cooling tower	MF Caballero, I. Arocas, M herandez, F. Sanchez, J. Ruiz, M. Lucass, A. Kaiser	Universidad Polit3cnica de Cartagena / Universidad Miguel Hernandez	Spain	antonio.kaiser@upct.es
	Experimental analysis of a new prototype of cooling tower to limit the emision of droplets to the ambient	M hernandez, D Arocas, A. Viedma, B. Zamora, J. Ruiz, M. Lucas, S. Kaiser	Universidad Polit3cnica de Cartagena / Universidad Miguel Hernandez	Spain	antonio.kaiser@upct.es
	Field test of high level water collecting cooling towers	M. Gao, S. He, Y. Shi, F. Sun	School of Energy and Power Engineering, Shandong University	China	gm@sdu.edu.cn
	Experimental study of a photovoltaic evaporative chimney adapted to be further cooled by sliding water	M. Lucas, F Aguilar, R Ruiz, C. Cutillas, A. Kaiser, P. Vicente	Universidad Polit3cnica de Cartagena / Universidad Miguel Hernandez	Spain	mlucas@umh.es
	Comparison of cooling tower packings in terms of fouling resistance using industrial pilot plants	S. Soreau, M. Breaud, T Neveux, C. Bouteleux	EDF R&D	France	sylvie.soreau@edf.fr
	Scale mitigation in wet cooling circuits using polymer additives	T Neveux, N. Chhim, C. Bouteleux, S. Teychene, B. Biscans	EDF R&D	France	thibaut.neveux@edf.fr
	Energetic and Exergetic analysis of the influence of the cooling system on the performance of a CSP plant	C. Cutillas, J. Ruiz, M. Lucas	Universidad Miguel Hernandez	Spain	j.ruiz@umh.es
	Use of CFD model for natural draft wet cooling tower performance optimization	B. Makke, M. Miolane	EDF SEPTEN / OptiFluides	France	benoit.makke@edf.fr

	TITLE	AUTHOR	FIRM / UNIVERSITY	NATIONALITY	email
	EDF Mistral test facility : recent studies improving packing fill performance evaluation	F. Cuaz, S. Chalvet, L. Muszynski, B. Darricau	EDF DTG and EDF SEPTEN	France	fabien.cuaz@edf.fr
	Numerical simulation of meteorological effects on natural draft cooling tower plume and performane	A. Chahine, R. Bresson, B. Carissimo	EDF R&D	France	bertrand.carissimo@edf.fr
	Seven years of cooling tower real time thermal performance monitoring with de SPA	C. Duquennoy, S. Dailly, O. Brero, V. Charrel	EDF DTG	France	christophe.duquennoy@edf.fr
	High altitude wind measurements : how can EDF improve performance test reliability ?	O. Brero, L. Milly, C. Duquennoy	EDF DTG	France	olivier.brero@edf.fr
	Cooling Tower Inspection by a drone	A. Vaque, C. Brothier, V. Charrel	EDF DTG	France	anne.vaque@edf.fr
	Prototype to replace PVC fills in cross flow and counter flow cooling towers	G.Puranik	VJTI student research	India	gauripurani64@gmail.com
	Therory and experiance with low cost measures which efficiently increases the electrical output of power plants equiped with cooling towers	Graf, Peter, Fisch, Klemens, Bögh	NPP Leibstadt, NPP Gösgen, EPPG, S'Agaro	Switzerland	michael.bogh@gmail.com
	Internal Inspection of air-cooled condensers	A. Howell	Xcel Energy	United States of America	andy.howell@xcelenergy.com
	ACC test wind effect	Maulbetsch	Maulbetsch Consulting	United States of America	maulbets@sbcglobal.net
	Dry /hybrid/ wet tradeoff	Maulbetsch	Maulbetsch Consulting	United States of America	maulbets@sbcglobal.net