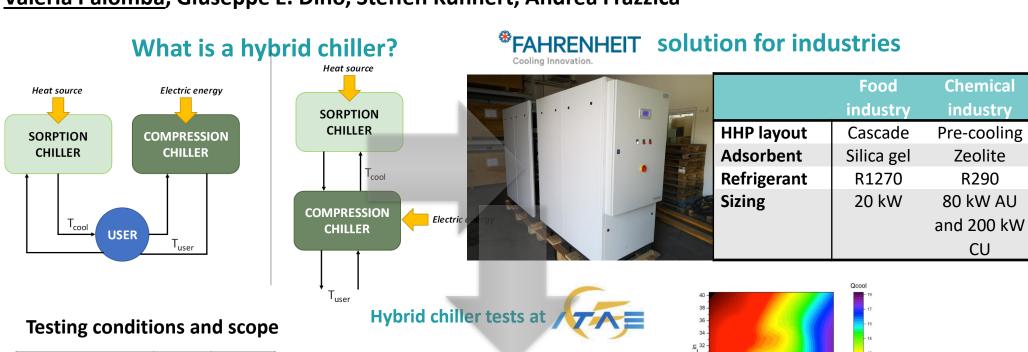
Experimental evaluation of a hybrid adsorptioncompression cascade chiller for solar cooling applications in industrial processes



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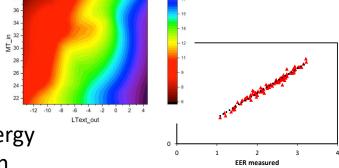


	Min	Max	1
	141111	IVIAX	
Heat source [°C]	67.2	92.7	
Cooling water [°C]	21	40.8	
0 .			
Chilled brine [°C]	-16.2	20.2	
Cooling capacity	6.0	29.7	
	0.0		
[kW]			
FFD	4.4	4.2	
EER	1.1	4.3	

Full performance map

Definition of reduced models for energy

Evaluation of achievable savings



management system implementation
Up to 4 t/y CO<sub>2</sub> emissions avoided and up to 70% EER gain!



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