

Possibility of advanced modified-silica-based porous materials utilisation in adsorption chillers – a comparative study

Karol Sztekler¹, Agata Mlonka-Mędrala¹, Nezar H. Khidary*², Wojciech Kalawa¹, Wojciech Nowak¹ and Łukasz Mika¹

¹ Faculty of Energy and Fuels, AGH University of Science and Technology, Mickiewicza 30, 30-059 Krakow, Poland; amlonka@agh.edu.pl (A.M.), sztekler@agh.edu.pl (K.S.), kalawa@agh.edu.pl (W.K.), wnowak@agh.edu.pl (W.N.), lmika@agh.edu.pl (L.M.)

² King Abdulaziz City for Science and Technology, Riyadh 11442, Kingdom of Saudi Arabia; nkhdar@kacst.edu.sa (N.K.)

* Correspondence: sztekler@agh.edu.pl

Supplementary material – SEM images

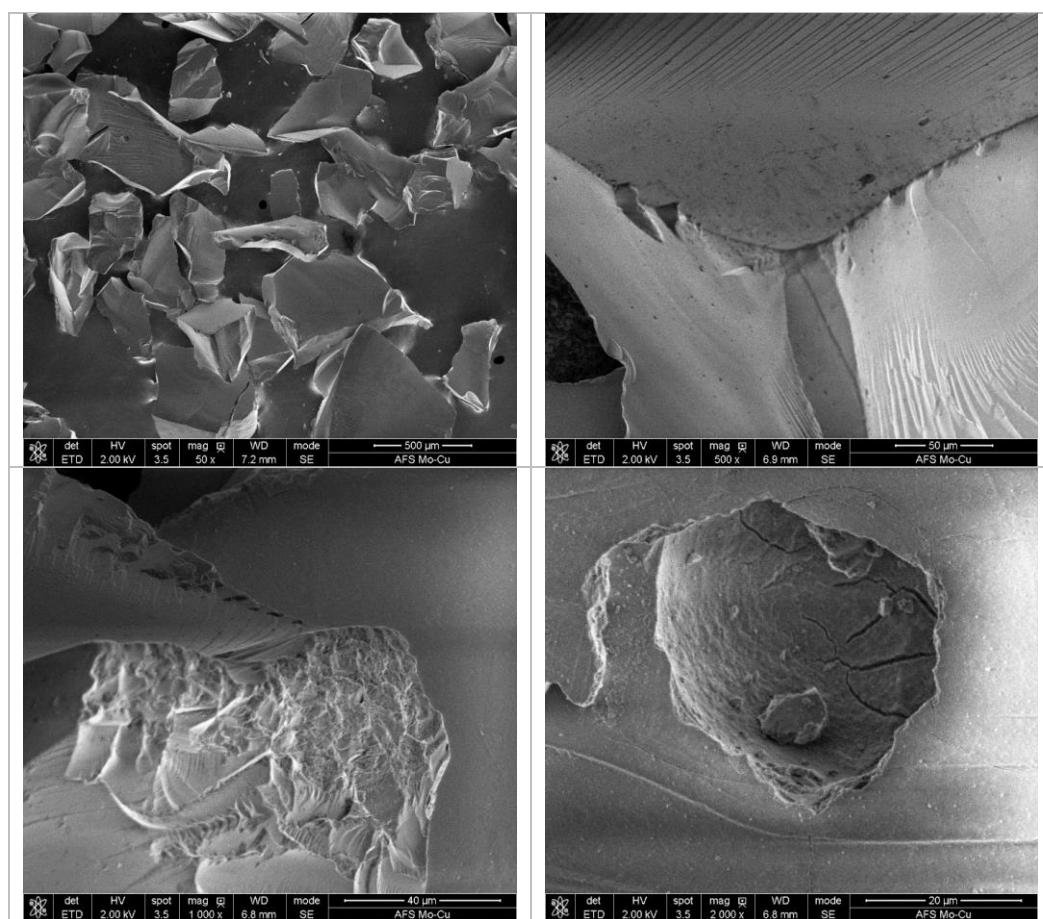


Figure S1. Morphology analysis of AFSMo-Cu

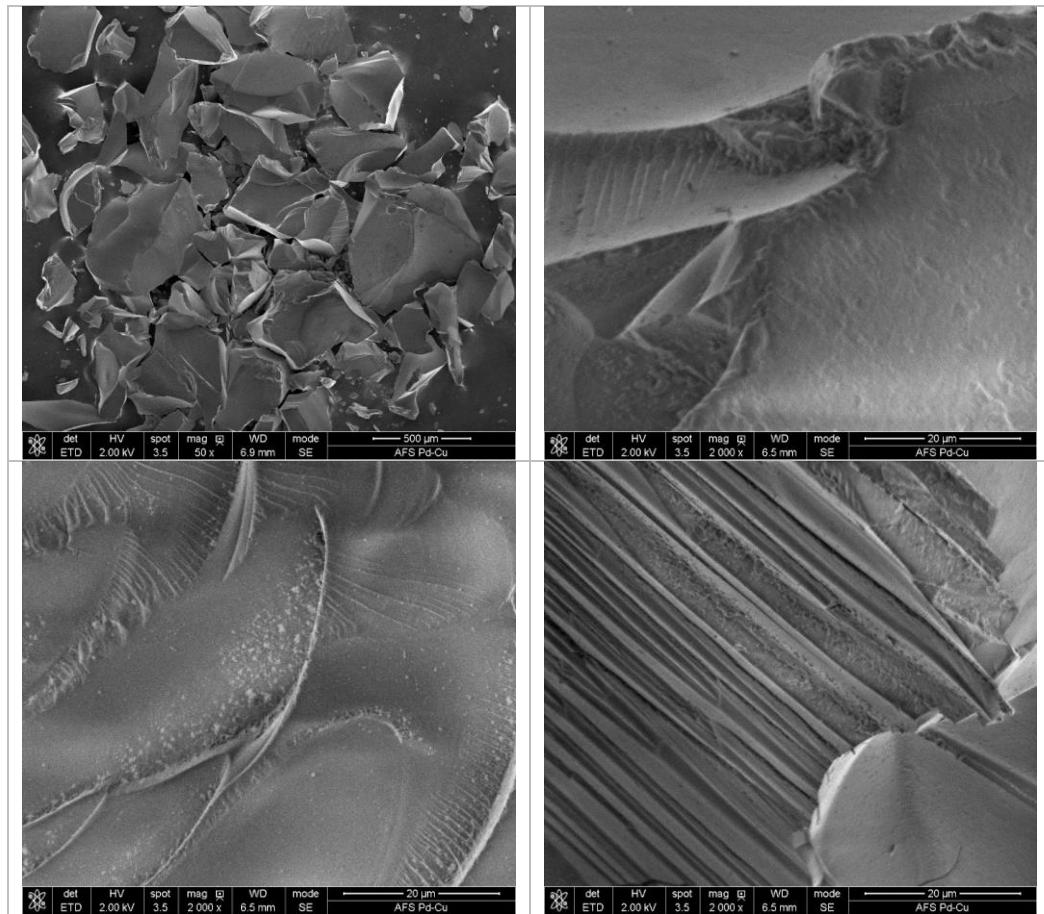


Figure S2. Morphology analysis of AFSPd-Cu

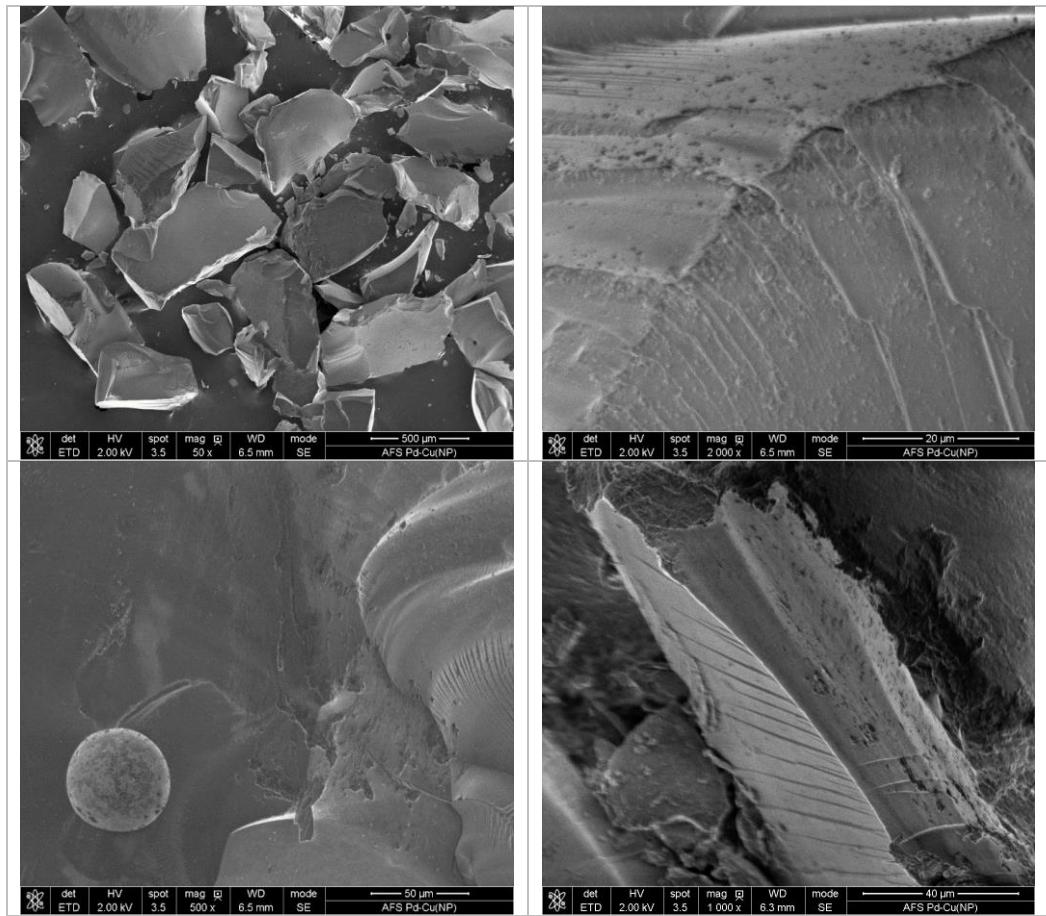


Figure S3. Morphology analysis of AFSPd-Cu (NP)

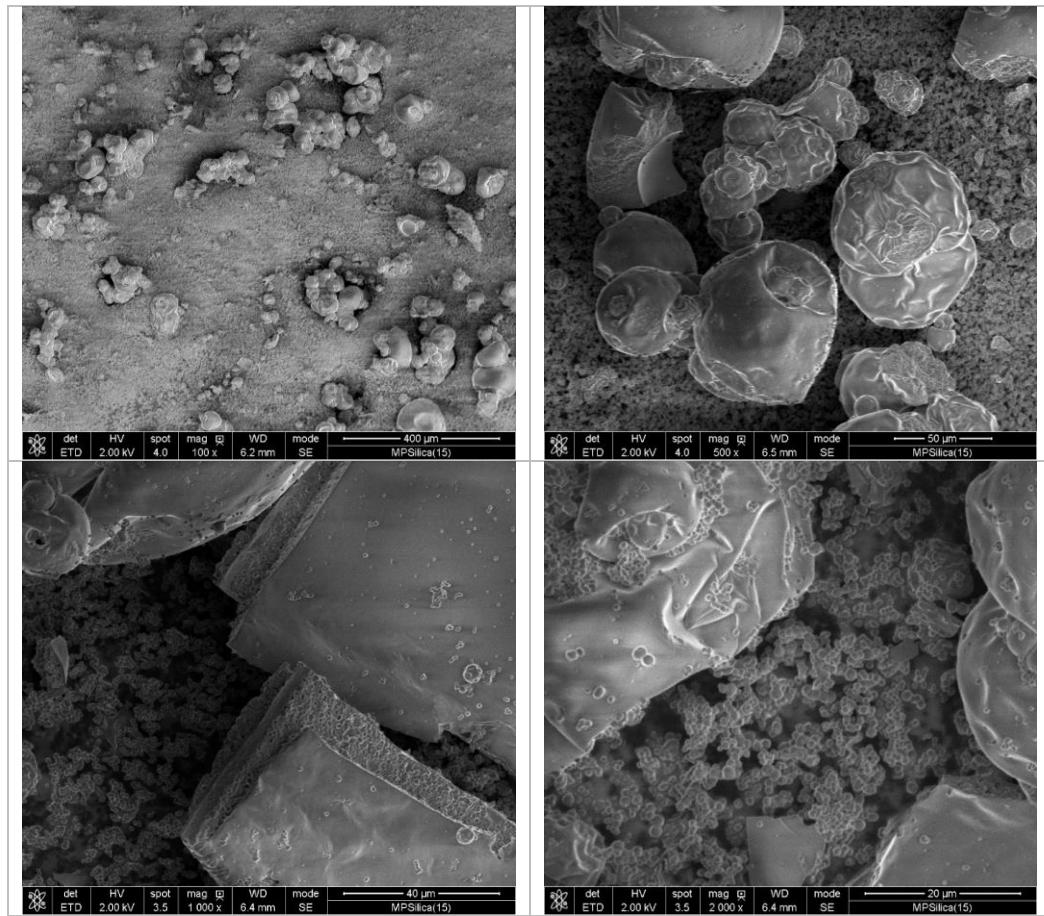


Figure S4. Morphology Analysis of MP Silica

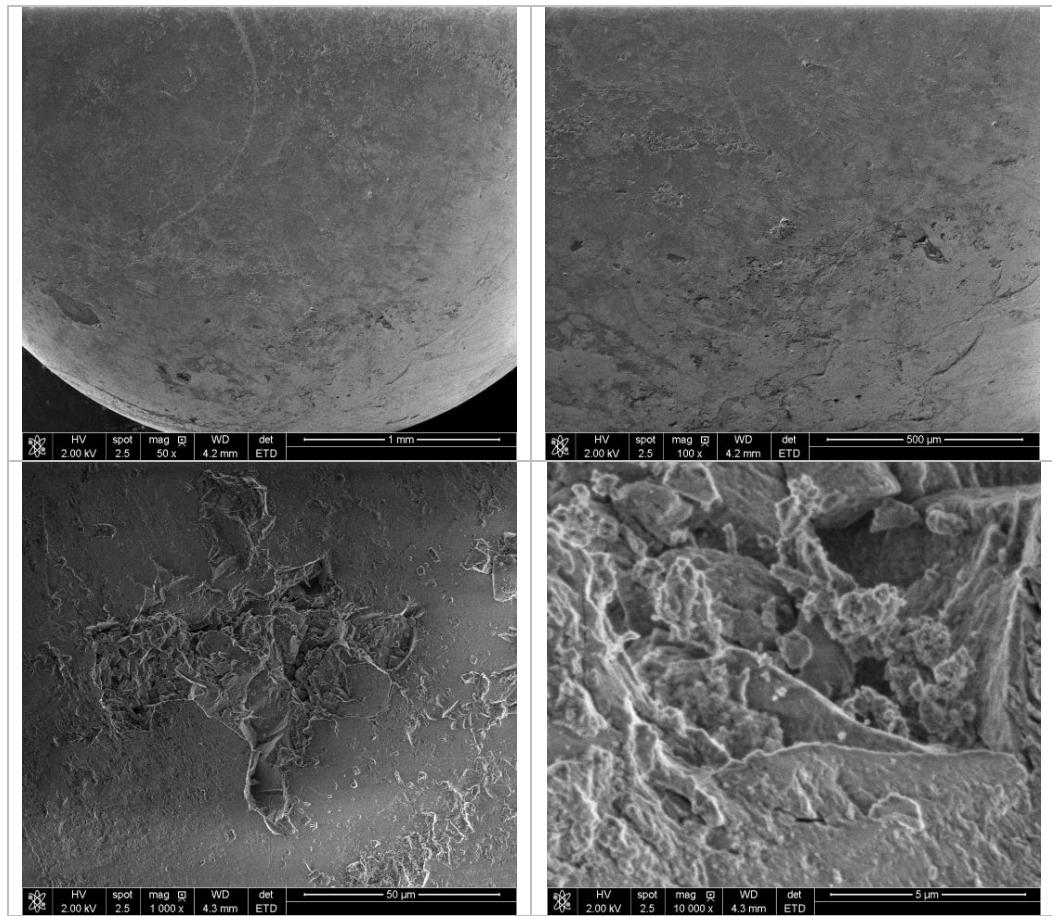


Figure S5. Morphology Analysis of Silica gel