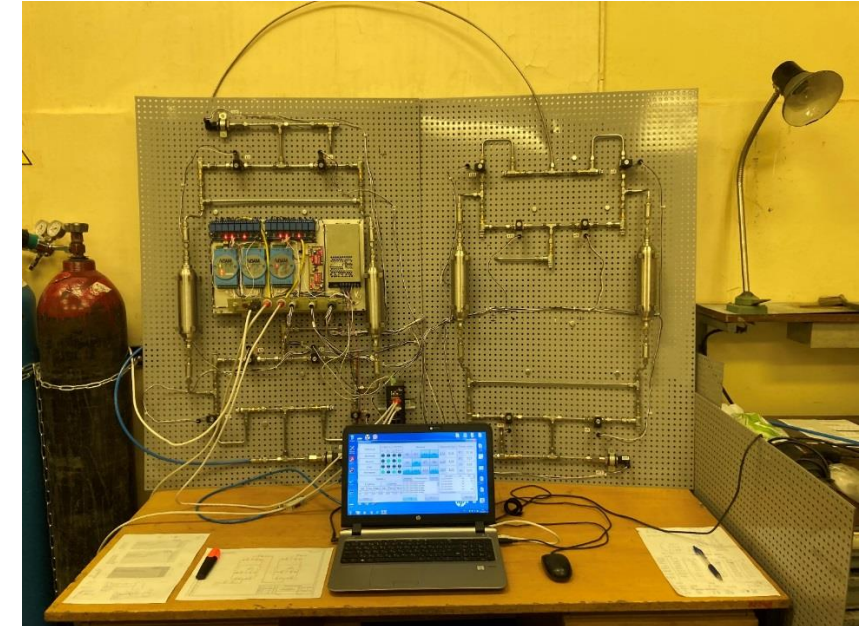


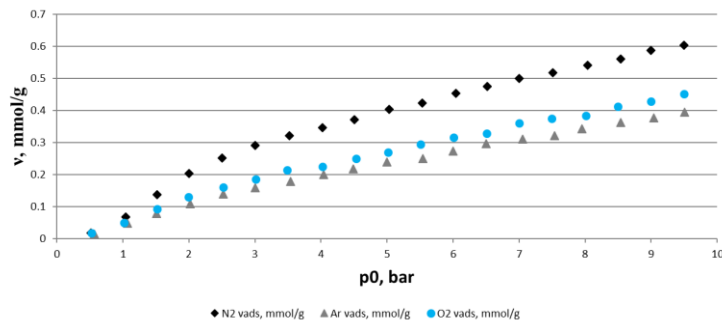
Characteristics of the studied sorbents

Sorbent	Manufacturer / Country	Bulk density, kg/l	Real density, kg/l
CaA (5A)	Hong Kong chemical corp.	0,738	1,702
PSA/VPSA (13XHP)	Hong Kong chemical corp.	0,658	1,538
NaX (13X)	Silkem	0,607	1,525
ZSM-5	China	0,600	1,559
Ag-ZSM-5	Riogen, USA	0,755	1,799
Coconut charcoal	Sri Lanka	0,453	1,273
Activated charcoal (SKT-3)	Russia	0,470	1,269

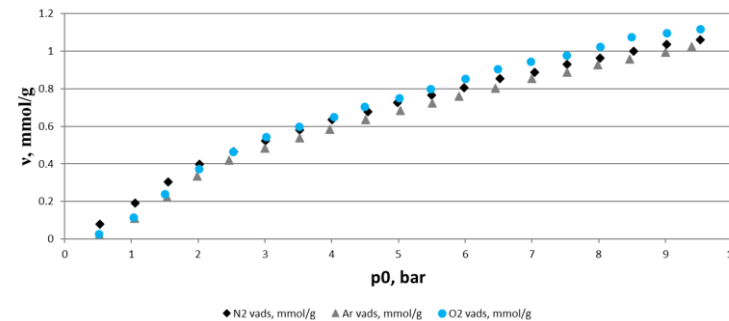


Two-stage PSA system for obtaining enriched argon (the Scarstrom variant)

Adsorption isotherms for 100% nitrogen, argon, and oxygen on NaX (13X) zeolite



Adsorption isotherms for 100% nitrogen, argon, and oxygen on coconut charcoal



If you want to learn more about this, come see my e-poster during e-poster virtual session 2 on this date or access it online on the SnT2023 Conference platform!