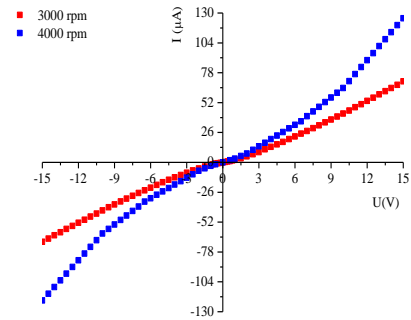
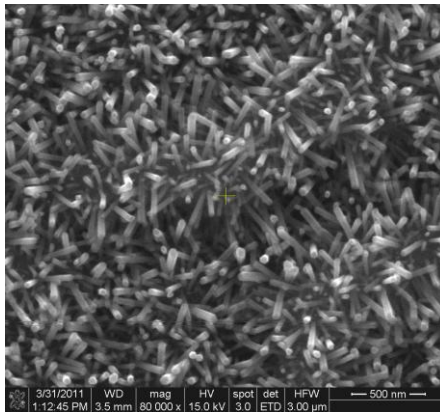
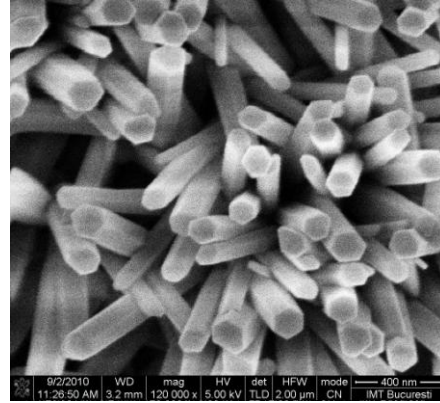
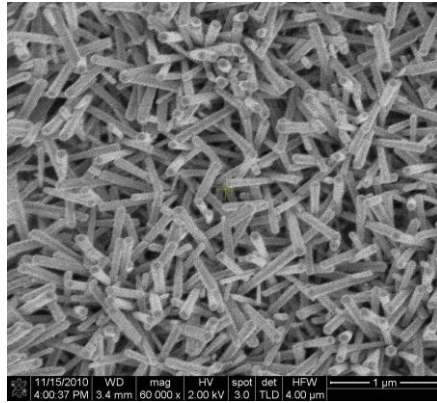
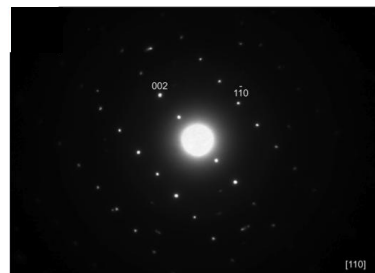
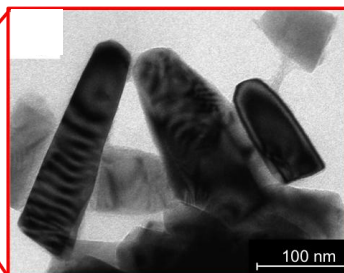
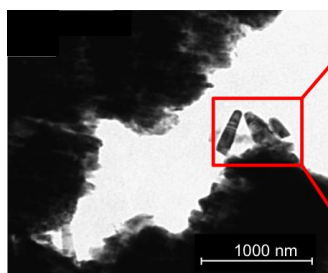
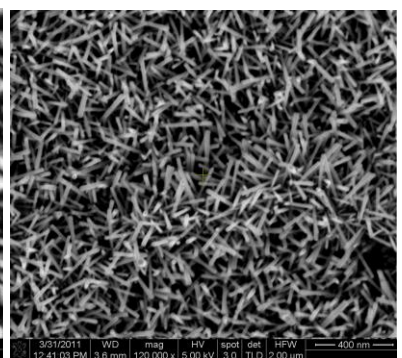
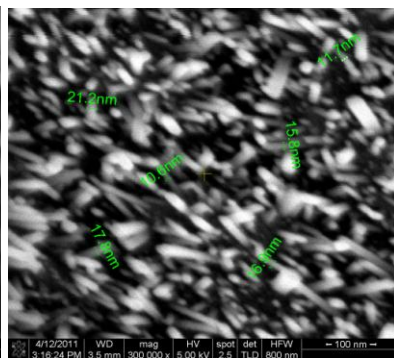
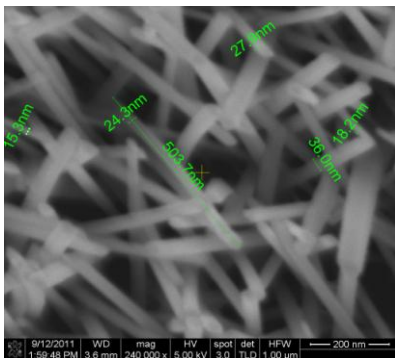


"Nanostructuri multifunctionale pe baza de oxid de zinc: de la materiale la o noua generatie de dispozitive"

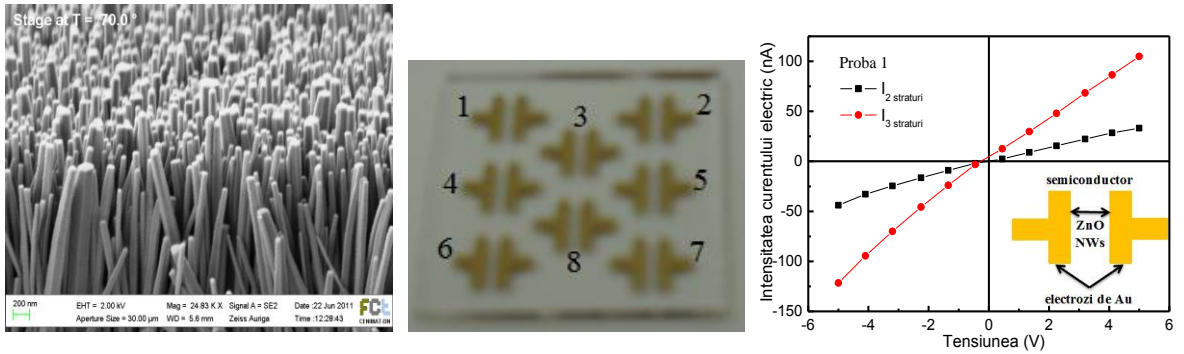
1. Nanofire de ZnO crescute pe substrat de sticla prin metoda CBD



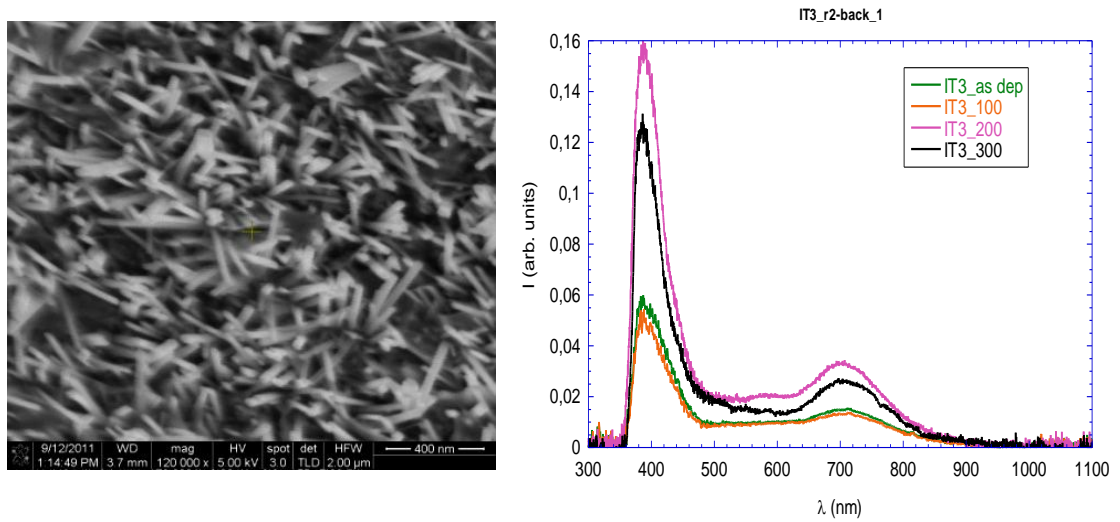
2. Nanofire de ZnO crescute pe substrat de sticla prin metoda hidrotermala



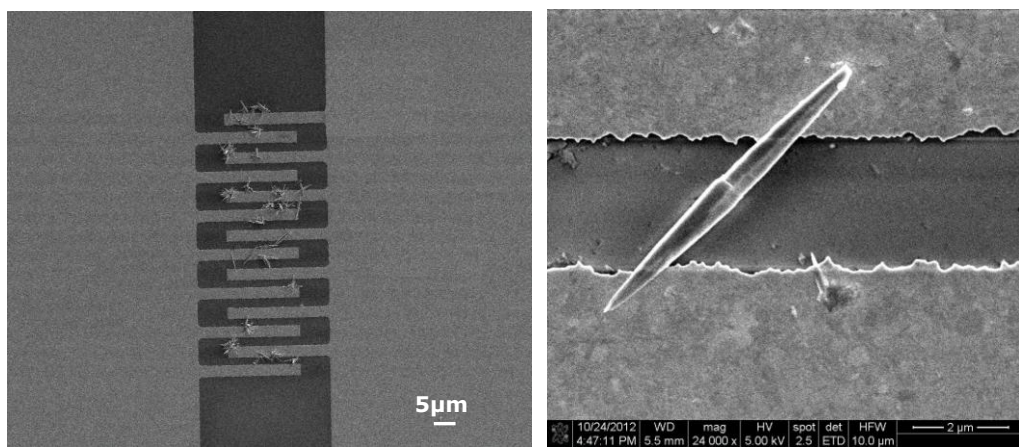
3. Nanofire de ZnO crescute pe filme Al:ZnO, prin metoda hidrotermala



4. Nanofire dopate Al:ZnO crescute pe filme ZnO



5. Nanofire crescute intre electrozi de Au, in zone localizate prin tehnici de paternare combinata (fotolitografie si EBL)



6. Caracteristica I-V pentru un singur nanofir de ZnO, masurata prin nanomanipularea nanofirelor de ZnO pre-crescute.

