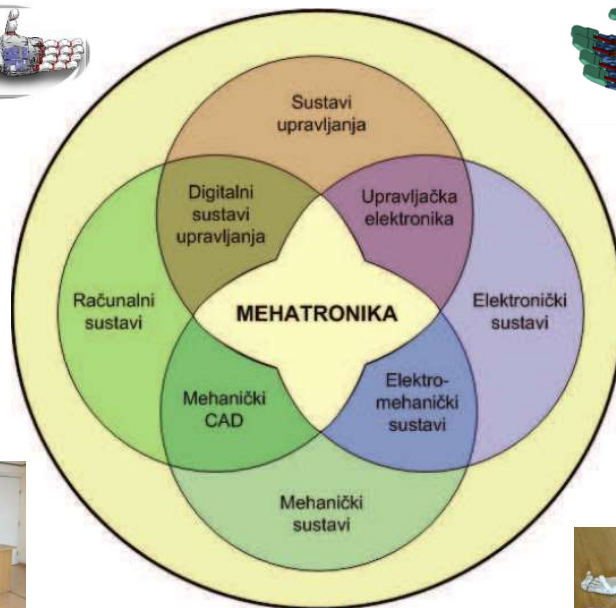
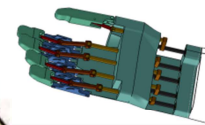


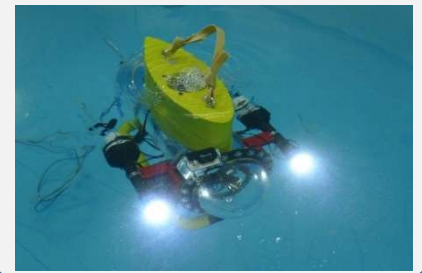
smjer

Mehatronika i robotika

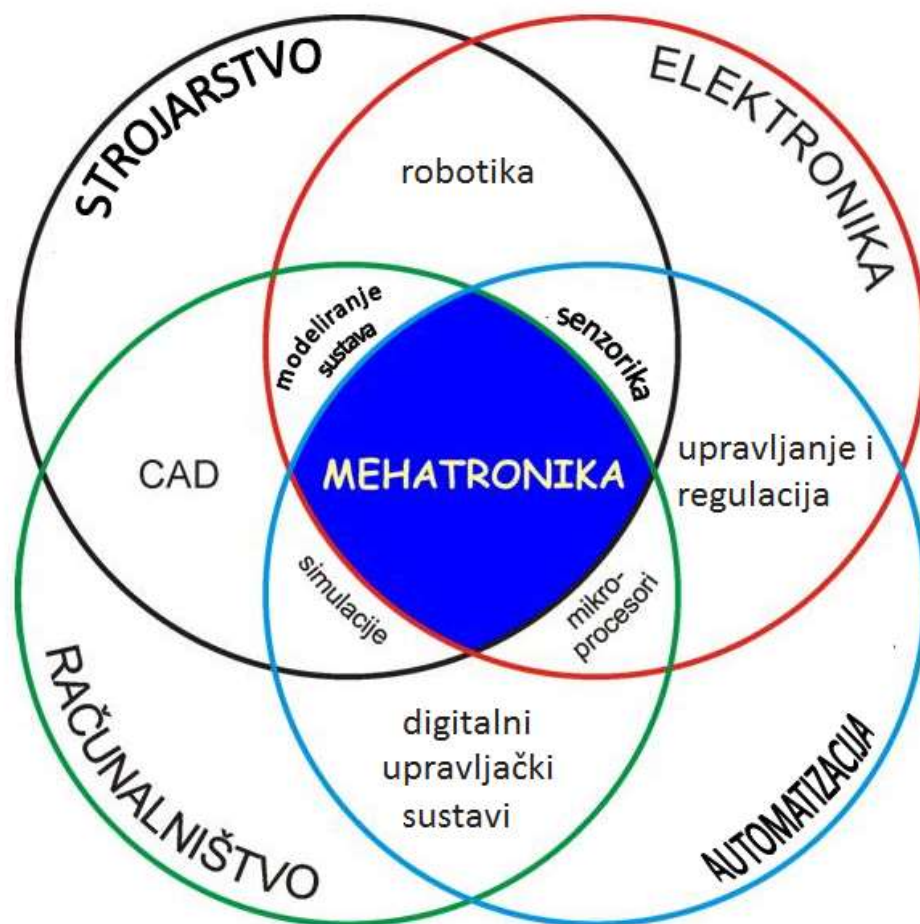
MiR



Udruga mehatroničara



■ Što je MEHATRONIKA?



MEHATRONIKA

- ❑ Multidisciplinarna znanost u kojoj se prožimaju područja strojarstva, elektrotehnike, elektronike, informacijskih znanosti, a sve više i biologije i društvenih znanosti.
- ❑ Predstavlja pogodno okruženje za razvoj svjetski popularne STEM revolucije.
- ❑ STEM revolucija predstavlja termin koji obilježava napredak razvoja pod okriljem prirodnih znanosti, informatike, tehnike i matematike.

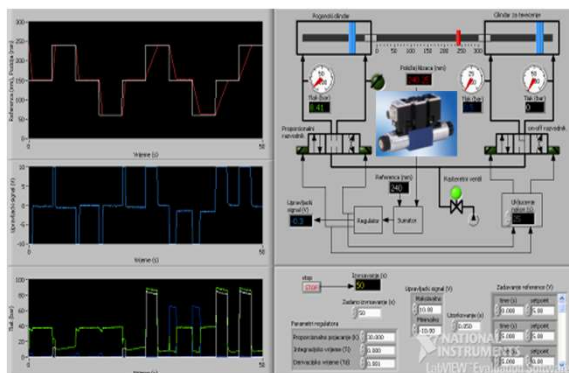
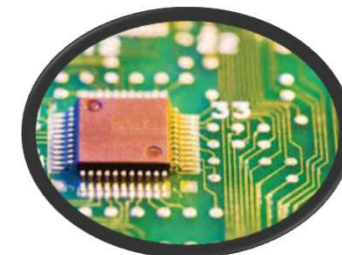


MEHATRONIKA



STROJARSTVO

ELEKTRONIKA



AUTOMATIKA

SENZORI

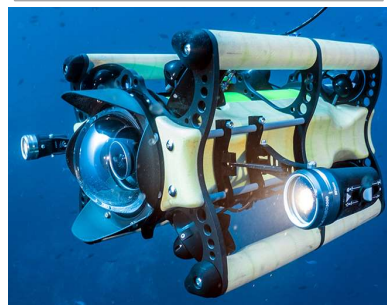
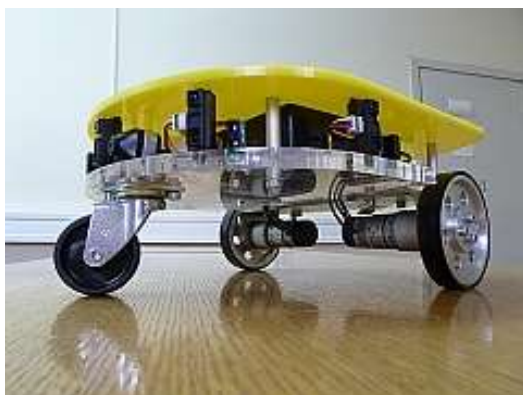
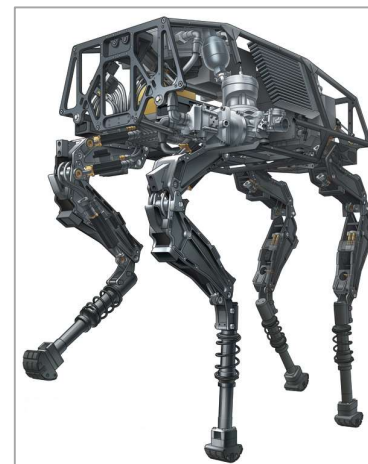
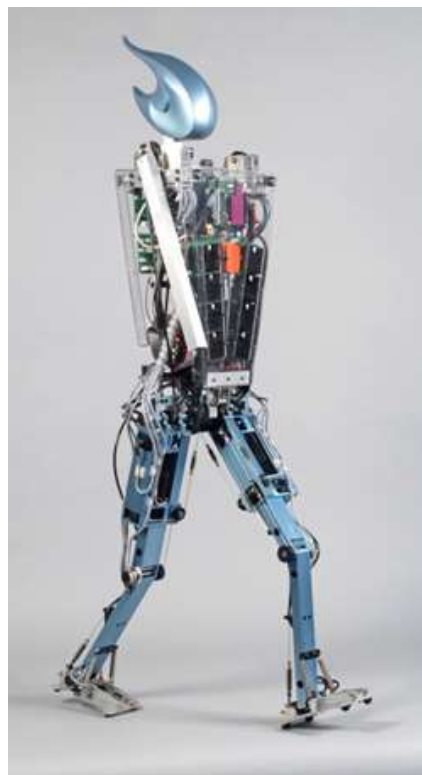
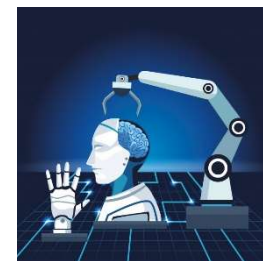
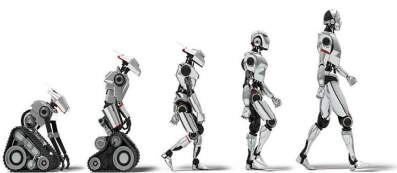


INFORMATIKA

POGONI



ROBOTIKA

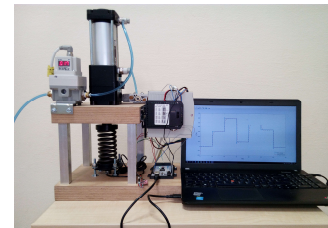




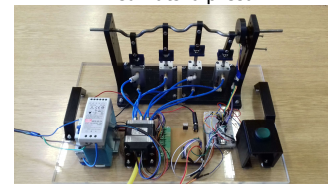
Elektrohidraulički servo sustavi



Elektrohidraulički robotski manipulator - EHROM



Pneumatska preša



Koljenasti mehanizam



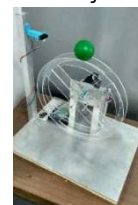
Četveronožni hodajući robot



Inverzno njihalo



Inverzni klin



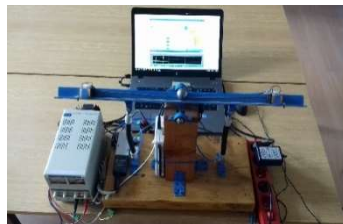
Kuglica na kotaču



Kuglica na ploči



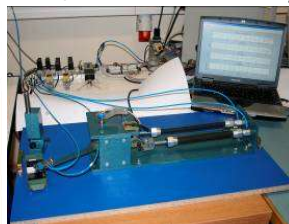
Ortoza za stopalo



Kuglica na gredi



Elektropneumatski servo sustav



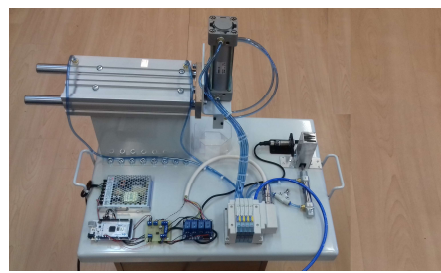
Pneumatski manipulator



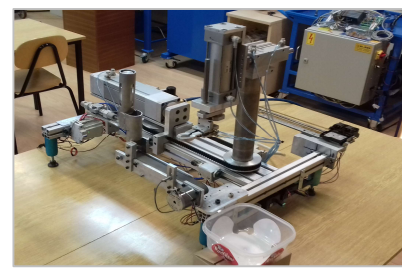
Kuglica na gredi



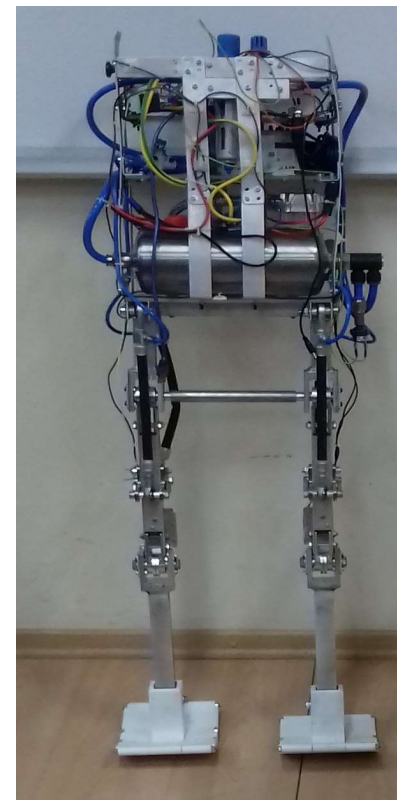
Autonomno vozilo pogonjeno stlačenim zrakom



Pneumatski manipulator



Elektropneumatski robotski manipulator



Dvonožni hodajući robot



Svijet



Informacije: prof.dr.sc. Željko Šitum, voditelj smjera MiR, e-mail: zsitum@fsb.hr



FSB – Mehatronika i robotika

