

Grammar program.

Present perfect, present perfect continuous and past simple. Past perfect. Past perfect and past simple with before/after + ing. Passive form. Passive form with double object. I'm going to; I hope to; I might; I'll probably; I don't think I'll.. . Modal verbs. Relative pronouns. Conditional sentences. Present continuous future, will-future, going to future, present simple as future tense.

Technical program.

From automation to robotics. Rat brained robot. Step by step with time sequencers. Asimov's laws 0,1,2,3. Carbon footprint . Linear economy and circular economy. Research work about carbon saving processes. "I, Robot " film vision. "Forest Gump", film vision. Articulated and S.C.A.R.A. robots. Gantry, cylindrical and spherical robots. Research works about robot kinematic prototypes.