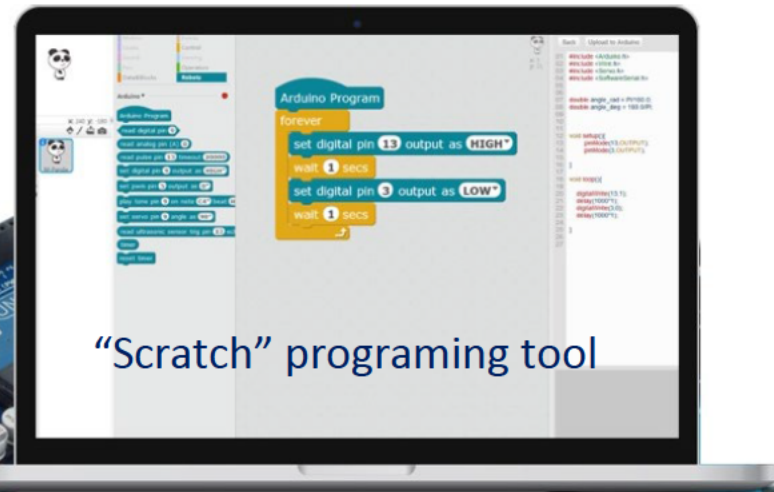


An application of a small robot mBot

“mBot” is a simple robot for education. You can control mBot by PCs as well as your smart phones. The Arduino micro processor is mounted on mBot. You can program it through easy-to-understand programming tool “Scratch.” First, you will learn how to control and program mBot. After you acquire the programming skill, you will program your mBot to solve the shortest path problem. Finally, you will compete with other students in the contest to reach the goal as quick as possible by actually running your mBot.



Arduino micro processor
mounted on mBot



“Scratch” programming tool

Basic construction of mBot

Date and Time : 2nd Semester, Tuesday , 5th class. (Date and time for after 1st time will be decided on request.)

Place : Katahira Campus, RIEC, Lab. for Nanoelectronics & Spintronics, 3F A311 (Horio-Lab.)

First date and time : October 3rd (Tue.) 16:20

Teacher in charge : Prof. Yoshihiko Horio, and Dr. Takemori Orima **Contact** : TEL: 022-217-5558 horio@riec.tohoku.ac.jp