

RobotLab Innovation Simulation

Director Lars Ringe, RobotLab.

Abstract:

The workshop will take place in an iterative process where "Learning by Doing" is a keyword. Here "Design Thinking" meets reality, hence the concept of "Thinking inside the Box".

The participants are presented with the tools:
The LEGO®MINDSTORMS®NXT robots.

The instructors will explain the use of the robots and illustrate their scope of application. There will be 10 to 15 assignments of different levels of difficulty and with a different calculation of points.

The participants will themselves prioritize the assignments pragmatically and will subsequently make the robots execute them.



WORKSHOP OBJECTIVES

- o To practice existing problem solving skills.
- o To develop forming a team independent of outside direction or intervention.
- o To experience working together as a team to accomplish a specified and tangible task within a given deadline.

BENEFITS AND TRAINING OUTCOMES:

- o To develop an understanding of leadership effectiveness.
- o To develop an understanding of the dynamics involved with creating and performing more effectively as a team.
- o To develop insight and to understand the value of each team member's contribution to team effectiveness and performance.
- o To develop and maximize time management skills.

Speaker:

Lars Ringe is an innovation consultant and director of RobotLab. Lars Ringe has a degree in Advanced Computer Studies and also holds a graduate diploma in business studies. Lars Ringe has worked as an IT consultant at several large Danish financial institutions such as Danske Bank and Nordea Bank where he has been involved in implementing and developing main systems. Most recently, he has contributed to the development of large public internet portals such as Jobnet.dk (for unemployed people) and Retsinfo.dk. (law texts).