



Price: € 749.00 excl. VAT

Duration: 1 day

Contact: training@hightechinstitute.nl, +31 85 401 3600

Intro

A new one-day seminar about the new symbolic circuit simulator SLiCAP-MATLAB: Setting up and solving design equations for analog circuits.

Objective

After having attended the course, the participant:

- will know the setup of the new symbolic circuit simulator: SLiCAP-MATLAB;
- will be able to use the new symbolic circuit simulator: SLiCAP-MATLAB;
- will know how to automate the engineering of analog circuits.

Intended for

Engineers and teachers interested in analog electronic design and circuit engineering.

Education: At least BSc in physics or electrical engineering. Basic knowledge of MATLAB is required.

Program

This one day seminar consists of two parts: a seminar part in the morning and a workshop part in the afternoon.

Seminar session

During the seminar the operation of the MATLAB version of SLiCAP will be explained and demonstrated. The following topics will be addressed:

- Theory of operation of SLiCAP;
- Built-in models;
- Analysis types;
- Way of working;
- Using the results in MATLAB;
- Generating HTML reports.

Workshop session

Execution of one or more SLiCAP exercises:

- Noise design;
- Biasing design;
- Filter design;
- Amplifier bandwidth design;
- Pole-zero analysis;
- Root-locus plots, Bode plots and time-domain plots;
- Generation of HTML reports.



Certification

Participants receive a High Tech Institute course certificate for attending this training.

Course leader

Hans Vink MSc

Trainers

Anton Montagne MSc

Methods

Lectures, practical training.

Trainers

Anton Montagne MSc