MATLAB® SEMINAR: Data Analysis Using MATLAB
University of Banja Luka, Faculty of Electrical Engineering
April 29th, 2009

We are pleased to invite you to attend a FREE MATLAB® seminar in English at the University of Banja Luka, Faculty of Electrical Engineering!

Location: **University of Banja Luka, Faculty of Electrical Engineering,** Patre 5,

78000 Banja Luka, BiH

Date: Wednesday, 29th April, 2009
Time: 14.00 – 16.30

Preliminary registration is required until Tuesday, 28th April, 2009.
   http://matlab.gamax.hu/english/seminars/da_banjaluka

Agenda:
1. **Introduction Gamax Ltd., The Mathworks Inc.**

2. **Introduction to MATLAB**
3. **Data Analysis with MATLAB**

- Overview of MATLAB capabilities and Toolboxes for Data analysis

4. **Image Processing with Image Processing Toolbox and Image Acquisition Toolbox**:

- Overview of Image Acquisition Toolbox (features, supported hardware)

- Overview of Image Processing Toolbox (features, examples)

- Case study: properties of objects on a picture from webcam using Image Acquisition Toolbox and Image Processing Toolbox

5. **Introduction to Simulink: Thinking in Blocks and Blocksets**
6. **Live Video and Image Processing using Video and Image Processing Blockset**:

- Overview of Video and Image Processing Blockset

- Analyzing video stream with Video and Image Processing Blockset, demos
7. **Summary, on-line resources**
8. **Q & A**

We look forward to seeing you at this event!

Sincerely,
MATLAB Group
Gamax Ltd.

The MathWorks

Gamax Ltd. is the official representative of The MathWorks, Inc.