



APHELION TRAINING – 2 DAY COURSE

- ↪ **Graphical User Interface (56 slides)**
 - Menu description
 - Toolbar
 - Operator Dialog Box
 - Info/History window
 - Aphelion Objects
 - Image Acquisition - Frame Grabber support
 - Aphelion projects
 - Images
 - Image display - Contextual Menu
 - Objectset - Aphelion grid
 - Chart server
 - Macro Editor
 - Print Aphelion objects
- ↪ **Image Understanding (65 slides)**
 - Image Processing - Image Understanding
 - The Intermediate Symbolic Representation
 - Filtering of Objects and Classification
 - Aphelion Objects (regions, lines, edgels, etc.)
 - Objectsets and object operators in Aphelion
 - Fuzzy Logic Toolkit
- ↪ **Aphelion Macro Language (14 slides)**
- ↪ **Aphelion Programming for Non-Programmers (6 slides)**
- ↪ **Aphelion Modules (12 slides)**
 - VisionTutor
 - Recognition Toolkit
 - Stage Control
 - Frame Grabber Support
- ↪ **Aphelion Documentation (9 slides)**
- ↪ **Image Processing and Analysis (42 slides)**
 - Image Enhancement
 - Color Processing
 - Segmentation
 - Measurements (Global and individual)
 - Image types (ROI) Regions of Interest
 - Edge Detection
 - FFT
 - Image Generation