

## MVTec Training Course: Deploying Deep Learning Applications with HALCON

Location: Detroit Metro Airport Marriott; 30559 Flynn Drive, Romulus, MI 48174

Date: Oct 9, 2018

Time: 9 am – 5 pm

Course fee: \$295

Max. no. of attendees: 10

Instructor: Agnes Weiershaeuser, Application Engineer, MVTec, LLC

### Synopsis:

In this 1-day course, attendees will learn how to develop a deep learning application with HALCON on a PC and deploy it on an NVIDIA Jetson board. The attendees will learn how to customize a pre-trained Convolutional Neural Network to a specific application and optimize the recognition rate. The application will then be tested on the Jetson board with live images acquired from an industrial GigE Vision camera. The course will provide fundamental knowledge and practical skills for using deep learning successfully in industrial machine vision applications.

### Topics covered:

- General introduction to HALCON
- Deep learning basics and applications in machine vision
- PC and embedded machine vision application development
- Camera integration on an embedded platform
- Training and inference in a custom application
- Deploying a deep learning vision application on an embedded platform

### Prerequisites:

- Interest in using Deep Learning for machine vision applications
- Machine vision application development, programming or prior experience with HALCON is advantageous but not required



## Registration Form

Please register me for the HALCON Training Course “Deploying Deep Learning Applications with HALCON” on Oct 9, 2018 in Romulus, MI.

Name: \_\_\_\_\_ Email: \_\_\_\_\_  
Company: \_\_\_\_\_ Phone: \_\_\_\_\_  
City, State \_\_\_\_\_

I hereby authorize MVTec, LLC to charge the course fee of \$295 to the following credit card:

Credit Card No.: \_\_\_\_\_ Exp. Date: \_\_\_\_\_ Security Code: \_\_\_\_\_  
Name on Card: \_\_\_\_\_  
Type:  Visa  MasterCard  Discover  American Express

\_\_\_\_\_  
Name (please print) Signature Date

Please email this form to [sales@mvtec.us](mailto:sales@mvtec.us)

### Cancellation Policy:

The registration may be cancelled up until 15 days prior to the event at no charge. 50% of the course fee will be due, if cancelled 7-14 days before the event. After that the full amount will be charged. Cancellations must be made via email to [sales@mvtec.us](mailto:sales@mvtec.us).