

TUESDAY 10 OCTOBER

10:00
TUESDAY
October 10 **Keynote: Jensen Huang, CEO, NVIDIA**
Room 14 / 120 Minutes
Level: All / Keynote

12:00
TUESDAY
October 10 **Formula Student Driverless Racing Teams**
Autonomous Vehicle Test Track / 60 Minutes
Level: All / Special Event

13:00
TUESDAY
October 10 **#23393 - Image Classification with DIGITS**
Francois Courteille, NVIDIA
Jean-Charles Vasnier, NVIDIA
Room 13a / 120 Minutes
Level: Introductory / DLI

#23416 - Image Classification with TensorFlow: Radiomics - 1p19q Chromosome Status
Hoo Chang Shin, NVIDIA
Room 13b / 120 Minutes
Level: Intermediate / DLI

#53022 - Introduction and Integration with DriveWorks on Drive PX2
Aaraadhy Narra, NVIDIA
Alessandro Ferrari, NVIDIA
Room 11 / 90 Minutes
Level: Intermediate / Lab

#53036 - Jetson TX2 Developer Tools
Felix Schmitt, NVIDIA
Thomas Klein, NVIDIA
Room 12 / 90 Minutes
Level: Intermediate / Lab

Deutsche Post Last Mile Autonomous Delivery
Autonomous Vehicle Test Track / 60 Minutes
Level: All / Special Event

13:30
TUESDAY
October 10 **#23056 - Success Story: GPU Virtualization with NVIDIA GRID for the #1 Aerospace**
Jits Langedijk, PQR
Patrick Van Den Born, PQR
Room 21a / 60 Minutes
Level: All / Talk

#23473 - Enabling the Intelligent Enterprise
Markus Noga, SAP
Room 14c / 60 Minutes
Level: All / Talk

#23088 - Smarter Humanoid Companion - Embedded GPUs can Make Your Robotic
Alexandre Mazel, SOFTBANK
Room 22 / 30 Minutes
Level: Introductory / Talk

#23353 - Machine Learning and Artificial Intelligence at Mercedes-Benz
Kal Mos, MERCEDES-BENZ
Room 1 Auditorium / 30 Minutes
Level: All / Talk

#23281 - Virtual Reality's African Future
Judith Okonkwo, IMISI 3D
Olutade Ajiboye, IMISI 3D
Room 14a / 30 Minutes
Level: All / Talk

#23501 - GPU Driven Innovation at McLaren Technology Group
Michael Rosam, MCLAREN
Room 21b / 30 Minutes
Level: All / Talk

TUESDAY 10 OCTOBER

14:00 TUESDAY October 10	#23192 - Introducing NVIDIA Holodeck David Weinstein, NVIDIA Room 14a / 60 Minutes Level: All / Talk	Formula Student Driverless Racing Teams Autonomous Vehicle Test Track / 60 Minutes Level: All / Special Event	#23285 - Natural, Interactive Training of Service Robots to Detect Novel Objects Elisa Maiettini, ISTITUTO Giulia Pasquale, ISTITUTO Room 22 / 30 Minutes Level: Intermediate / Talk	#23489 - On the Road to Vision Zero - how Vehicles will be able to see, think and act Stefan Sommer, ZF Room 1 Auditorium / 30 Minutes Level: All / Talk	
14:30 TUESDAY October 10	#23129 - Real World Implementation (and snares) of a High Performance NVIDIA Jan Hendrik Meier, GRIMME Thomas Remmlinger, NVIDIA Room 21a / 60 Minutes Level: Intermediate / Talk	#23163 - Reinforcement Learning for Railway Scheduling: Overcoming Data Erik Nygren, SBB Room 14c / 30 Minutes Level: All / Talk	#23180 - Empowering Radiologists with NVIDIA GRID Hans Kraaijeveld, CLIENT ICT Room 21b / 30 Minutes Level: Intermediate / Talk	#23333 - Automating last mile delivery Fabian Schmitt, DEUTSCHE POST Room 1 Auditorium / 30 Minutes Level: All / Talk	#23133 - Deep Learning for Complexity and Capability in Humanoid Robots Rob Knight, THE ROBOT STUDIO Cyril Jourdan, THE ROBOT Room 22 / 30 Minutes Level: All / Talk
15:00 TUESDAY October 10	#23394 - Object Detection with DIGITS Francois Courteille, NVIDIA Jean-Charles Vasnier, NVIDIA Room 13a / 120 Minutes Level: Introductory / DLI	#23417 - Medical Image Analysis using R and MXNet Hoo Chang Shin, NVIDIA Room 13b / 120 Minutes Level: Intermediate / DLI	#53036 - Jetson TX2 Developer Tools Felix Schmitt, NVIDIA Thomas Klein, NVIDIA Room 12 / 120 Minutes Level: Intermediate / Lab	#53032 - CUDA programming on Drive PX2 Chethan Ningaraju, NVIDIA Room 11 / 90 Minutes Level: Intermediate / Lab	#23113 - Disrupting Computer Aided Engineering - Key Building Blocks of Accurate Dirk Hartmann, SIEMENS AG, Room 21b / 60 Minutes Level: Intermediate / Talk
	#23335 - Fundamental AI Research: On Probabilistic Inference, Control, and Open- Patrick Van Der Smagt, Room 14c / 30 Minutes Level: All / Talk	#23443 - Building Self-Driving Delivery Robots Kristjan Korjus, STARSHIP Room 22 / 30 Minutes Level: All / Talk	#23389 - Virtual Reality for Scientific Visualisation Christoph Anthes, UNIVERSITY Room 14a / 30 Minutes Level: All / Talk	#23128 - The Digital Transformation and How AI Reinvents Mobility Johann Jungwirth, Room 1 Auditorium / 30 Minutes Level: All / Talk	Deutsche Post Last Mile Autonomous Delivery Autonomous Vehicle Test Track / 60 Minutes Level: All / Special Event

TUESDAY 10 OCTOBER

15:30
TUESDAY
October 10

#23222 - Deep Learning for Extracting Clinically Useful Information from Medical
Daniel Rueckert, IMPERIAL
Room 14c / 60 Minutes
Level: All / Talk

#23198 - Graphics Acceleration Is For All Modern Users
Tommy Stylsvig Würtz
Room 21a / 30 Minutes
Level: All / Talk

#23188 - Embedded GPUs in agricultural robotics: How to detect and eliminate evil plants
Anil Yuce, ECROBOTIX
Room 22 / 30 Minutes
Level: All / Talk

#23118 - Software Development for Active Safety and Autonomous Driving Technology
Erik Coelingh, ZENUITY
Room 1 Auditorium / 30 Minutes
Level: Introductory / Talk

#23477 - Is Augmented Reality too Expensive for Business?
Wolfgang Stelzle, RE'FLEKT
Room 14a / 30 Minutes
Level: All / Talk

16:00
TUESDAY
October 10

#23086 - Hard Facts - Benchmarking GRID-Accelerated Remote Desktop
Ruben Spruijt, FRAME
Benny Tritsch, RDSGURUS
Room 21a / 60 Minutes
Level: Advanced / Talk

Virtual Vehicle: Autonomous Driving
Autonomous Vehicle Test Track / 60 Minutes
Level: All / Special Event

#23098 - Visualisation with NVIDIA P6000
Niko Scrbak, SMW-AUTOBLOK
Room 21b / 30 Minutes
Level: All / Talk

#23432 - What is Level 5 Autonomous Motorsport?
Bryn Balcombe, ROBORACE
Room 1 Auditorium / 30 Minutes
Level: All / Talk

16:30
TUESDAY
October 10

#23488 - The IBM Power of AI
Ulrich Walter, IBM
Welf Wustlich, PLANET GMBH
Eberhard Faust, INS
Room 5 / 60 Minutes
Level: All / Talk

#23026 - Real Time Path Tracing Using a Hybrid Deferred Approach
Thomas Schander, ENSCAPE
Clemens Musterle, ENSCAPE
Room 21b / 30 Minutes
Level: Intermediate / Talk

#23253 - Accelerating AI in Cosmetics – The Case of L'Oréal's Smart Hair Brush
Jean-Loup Loyer, L'ORÉAL
Room 14c / 30 Minutes
Level: Intermediate / Talk

#23166 - How to Get Regulatory Approval for an AI-based Autonomous Car?
Alex Haag, AUTONOMOUS
Room 1 Auditorium / 30 Minutes
Level: Introductory / Talk

#23350 - Mars Rovers to End to End Industrial Inspection Solutions: GPUs for Machine
Mark Woods, SCISYS
Room 22 / 30 Minutes
Level: All / Talk

17:00
TUESDAY
October 10

#23395 - Neural Network Deployment with DIGITS and TensorRT
Francois Courteille, NVIDIA
Jean-Charles Vasnier, NVIDIA
Room 13a / 120 Minutes
Level: Intermediate / DLI

#23418 - Modeling Time Series Data with RNNs in Keras
Hoo Chang Shin, NVIDIA
Room 13b / 120 Minutes
Level: Intermediate / DLI

#23421 - Deploying Neural Networks in Embedded Applications
Charles Killam, NVIDIA
Room 12 / 120 Minutes
Level: Intermediate / DLI

Inception Awards
Room 4 / 90 Minutes
Level: All / Special Event

#53023 - EGLStreams: Interoperability for Camera, CUDA and OpenGL
Debalina Bhattacharjee, NVIDIA
Anshuman Bhat, NVIDIA
Sharan Ashwathnarayan, NVIDIA
Room 11 / 90 Minutes
Level: Introductory / Lab

#23042 - Delivering a Transformational 3D Graphics User Experience with VMware
Sebastian Brand, VMWARE
Luke Wignall, NVIDIA
Room 21a / 60 Minutes
Level: Intermediate / Talk

TUESDAY 10 OCTOBER

17:00 TUESDAY October 10	Virtual Vehicle: Autonomous Driving Autonomous Vehicle Test Track / 60 Minutes Level: All / Special Event	#23284 - Deep learning for self-driving cars in simulation and going real Jost Bernasch, VIRTUAL Room 1 Auditorium / 30 Minutes Level: All / Talk	#23433 - In Search of Long-Period Comets: Deep learning tools for automatic meteor Susana Zoghbi, KU LEUVEN Room 14c / 30 Minutes Level: Introductory / Talk	#23340 - Self-Supervised Deep Learning for Robotic Grasping Lars Berscheid, KUKA ROBOTER Room 22 / 30 Minutes Level: All / Talk	#23493 - New High-speed Professional Video Compression using CUDA Jan Weigner, CINEGY GMBH Room 21b / 30 Minutes Level: Intermediate / Talk
17:30 TUESDAY October 10	#23486 - AI is your Business - Translating Hype into Action Paul Brook, DELL EMC Bernhard Otupal, DELL EMC Room 5 / 60 Minutes Level: All / Talk	#23120 - GDPR Discovery Using Text Mining and Deep Learning Ari Juntunen, ELINAR Room 14c / 30 Minutes Level: Intermediate / Talk	#23351 - GPU powered trajectory planning for autonomous driving Jörg Küfen, FKA AACHEN Marius Stärk, INSTITUT FÜR Room 1 Auditorium / 30 Minutes Level: All / Talk	#23435 - GTs on GTXs André Matos, CHAOS GROUP Room 21b / 30 Minutes Level: Intermediate / Talk	#23175 - Deep Reinforcement Learning for Robotics Using DIANNE Elias De Coninck, GHENT Steven Bohez, GHENT Tim Verbelen, IMEC Room 22 / 30 Minutes Level: Introductory / Talk
18:00 TUESDAY October 10	#23438 - Creating a digital copy of the world to simulated autonomous vehicles Nilson Kufus, NOMOKO Room 21b / 30 Minutes Level: All / Talk	#23182 - Daming the Beast: Achieving Predictability on Drive PX2 Marko Bertogna, UNIVERSITY OF Paolo Gai, EVIDENCE Room 22 / 30 Minutes Level: Intermediate / Talk	#23490 - Nutanix AHv & NVIDIA: Putting the V in vGPU! John Elie Araman, NUTANIX Room 21a / 30 Minutes Level: Advanced / Talk		
19:00 TUESDAY October 10	Posters & Beer Concourse / 60 Minutes Level: All / Special Event				

WEDNESDAY 11 OCTOBER

07:30 **Virtual Vehicle: ZDF and M6**
WEDNESDAY **filming**
October 11 **Autonomous Vehicle Test Track**
/ 90 Minutes
Level: All / Special Event

08:00 **Women at GTC Networking**
WEDNESDAY **Breakfast**
October 11 **Concourse / 60 Minutes**
Level: All / Special Event

09:00 **#23397 - Image Segmentation**
WEDNESDAY **with TensorFlow**
October 11 **Jonas Lööf, NVIDIA**
Room 13b / 120 Minutes
Level: Intermediate / DLI

#23404 - Deep Reinforcement
Learning
Kashif Rasul, ZALANDO SE
Room 13a / 120 Minutes
Level: Intermediate / Lab

#23410 - Training a Semantic
Segmentation Network ready for
Deployment in the Car
Oliver Knieps, NVIDIA
Room 2 / 120 Minutes
Level: Advanced / DLI

Virtual Vehicle: Autonomous
Driving
Autonomous Vehicle Test Track
/ 90 Minutes
Level: All / Special Event

#53022 - Introduction and
Integration with DriveWorks on
Drive PX2
Aaraadhya Narra, NVIDIA
Alessandro Ferrari, NVIDIA
Room 11 / 90 Minutes
Level: Intermediate / Lab

#23189 - Brain Research: A
Pathfinder for Future HPC
Dirk Pleiter,
Room 4 / 60 Minutes
Level: Introductory / Talk

#23498 - Solutions and
resources for building and
supporting NVIDIA GRID, and
Luke Wignall, NVIDIA
Sarah Mannion, NVIDIA
Room 21a / 60 Minutes
Level: Intermediate / Talk

#23037 - Cognitive
Supercomputing - Document &
Speech Analysis, Keyword
Welf Wustlich, PLANET GMBH
Nelson Fernandes, PLANET
Room 14b / 30 Minutes
Level: All / Talk

#23239 - How To Predict ICU
Mortality with Digital Health
Data
Max Pumperla, SKYMIND
Room 5 / 30 Minutes
Level: Intermediate / Talk

#23384 - How AI Revolutionizes
Data & Document Management
Florian Kuhlmann, LEVERTON
Room 3 / 30 Minutes
Level: All / Talk

#23221 - AI-Augmented
Inspections: Automatizing Drone
Workflow
Massimiliano Versace, NEURALA
Room 22 / 30 Minutes
Level: All / Talk

#23243 - Use of Collaborative
Design Review to involve remote
offices
Keith Russell, VIRTUALIS
Room 14a / 30 Minutes
Level: All / Talk

WEDNESDAY 11 OCTOBER

09:00 **#23452 - Developing & Deploying Autonomous Driving Applications with the NVIDIA**
Shri Sundaram, NVIDIA
Tom Tomazin, NVIDIA
Room 1 Auditorium / 30 Minutes
Level: All / Talk

09:30 **#53036 - Jetson TX2 Developer Tools**
Felix Schmitt, NVIDIA
Thomas Klein, NVIDIA
Room 12 / 90 Minutes
Level: Intermediate / Lab

#23437 - Camera based Lane Detection using a Deep Learning Approach
Asad Ismail, VISTEON
Room 1 Auditorium / 30 Minutes
Level: All / Talk

#23479 - Emergency Response with Deep Neural Networks and Satellite Imagery
Damian Borth, GERMAN
Benjamin Bischke, TECHNICAL
Room 14b / 60 Minutes
Level: Intermediate / Talk

#23379 - Finding your Voice in the Regulatory Age
Nigel Cannings, INTELLIGENT
Room 3 / 30 Minutes
Level: All / Talk

#23364 - Re-Inventing the Scientific Method: How Artificial Intelligence is Revolutionising
Dean Plumbley, BENEVOLENT AI
Room 5 / 30 Minutes
Level: All / Talk

#23436 - How To Make A Embedded Product From Your PC Developed Algorithm
Cyril Russo, NEXVISION
Room 22 / 30 Minutes
Level: Intermediate / Talk

#23388 - Movement is Key to VR: How Wireless-VR can boost enterprise applications
Nicole Laux, SCHENKER
Room 14a / 30 Minutes
Level: All / Talk

10:00 **#23262 - The Virtual Frontier: Computer Graphics Challenges in Virtual & Augmented Reality**
Morgan Mcguire, NVIDIA
Room 14a / 60 Minutes
Level: All / Talk

#23259 - Deep Learning – Accelerating the NLP Journey
Shahzad Chohan, CREDIT SUISSE
Toby Leheup, CREDIT SUISSE
Room 3 / 60 Minutes
Level: Intermediate / Talk

#23087 - SIZE DOES MATTER! - The Ultimate Sizing and Optimization Guide for GRID
Roy Textor, TEXTOR IT
Room 21a / 60 Minutes
Level: Advanced / Talk

#23232 - Heterogeneous Event Selection at the CMS experiment
Felice Pantaleo, CERN
Room 4 / 30 Minutes
Level: All / Talk

#23380 - Highly Iterative Approach Towards Autonomous Driving
Günther Schuh, E.GO MOBILE AG
Room 1 Auditorium / 30 Minutes
Level: All / Talk

#23117 - Deep Imaging. Quantitative Biomarkers for Clinical Decision Making.
Joerg Aumüller, SIEMENS
Room 5 / 30 Minutes
Level: All / Talk

WEDNESDAY 11 OCTOBER

10:00 WEDNESDAY October 11	#23321 - Deep learning in MATLAB: From concept to embedded code Girish Venkataramani, Bill Chou, MATHWORKS Alexander Schreiber, Room 22 / 30 Minutes Level: Intermediate / Talk	#23293 - Using Virtualization to Accelerate the Development of ADAS and Automated Driving Dominik Dörr, IPG AUTOMOTIVE Room 14c / 30 Minutes Level: Introductory / Talk				
10:30 WEDNESDAY October 11	Deutsche Post Last Mile Autonomous Delivery Autonomous Vehicle Test Track / 90 Minutes Level: All / Special Event	#23171 - Energy Efficient Real-Time Computing for Extremely Large Telescopes with DGX-1 Damien Gratadour, Room 4 / 30 Minutes Level: All / Talk	#23202 - Online Open World Face Recognition From Video Streams Federico Pernici, MICC Room 14b / 30 Minutes Level: Intermediate / Talk	#23085 - ADAS Development using Advanced Real-Time All-in-the-Loop Simulators Roberto De Vecchi, VI-GRADE Enrico Busto, ADDFOR S.P.A. Guido Bairati, VI-GRADE Room 14c / 30 Minutes Level: Intermediate / Talk	#23058 - Protein Biophysics from Machine Learning and AI perspective Kamil Tamiola, PEPTONE - THE Room 5 / 30 Minutes Level: All / Talk	#23390 - Deploying Embedded Computer Vision systems on Military Ground Vehicles Ross Newman, ABACO Room 22 / 30 Minutes Level: Introductory / Talk
	#23021 - Human Agency in the Robotic Age Alexander Mankowsky, DAIMLER Room 1 Auditorium / 30 Minutes Level: All / Talk					
11:00 WEDNESDAY October 11	#23187 - From Dream to Reality: High Performance 3D Graphics Desktop Virtualisation with Mehmet Tunc, FNSS DEFENSE Room 21a / 60 Minutes Level: All / Talk	#23115 - Beyond The Hype: The Real Value of Enterprise VR Dan Harper, CITYSCAPE DIGITAL Room 14a / 60 Minutes Level: All / Talk	#23076 - The Simulation of the Behavior of the Human Brain using CUDA Pedro Valero-Lara, BARCELONA Room 4 / 30 Minutes Level: All / Talk	#23111 - Integrated safety for autonomous driving Torsten Gollewski, ZF Room 1 Auditorium / 30 Minutes Level: All / Talk	#23170 - Training and validating automated driving applications using physics-based sensor Martijn Tideman, TASS Room 14c / 30 Minutes Level: Intermediate / Talk	#23307 - Real-Time Data Processing With Deep Learning For Advanced Microscopy Mykhailo Vladymyrov, LHEP, Room 5 / 30 Minutes Level: Intermediate / Talk

WEDNESDAY 11 OCTOBER

11:00
WEDNESDAY
October 11 **#23220 - Deep Learning in Automotive - Beyond Autonomous Driving**
Daniel Weimer, VOLKSWAGEN
Room 14b / 30 Minutes
Level: All / Talk

#23481 - The Core in Financial Systems: Legal Entity Identifier and its Linkage to other Systems
Alexander Arimond,
Room 3 / 30 Minutes
Level: All / Talk

11:30
WEDNESDAY
October 11 **#23308 - Optix, a real time sensor (LIDAR) simulation powered by GPUs**
Jakub Kolesik, VIRES
Room 14c / 30 Minutes
Level: Intermediate / Talk

#23294 - Scaling on One Node: Hybrid Engines With Multi-GPU on In-Memory Database Queries
Peter Strohm, JEDOX AG
Room 4 / 30 Minutes
Level: All / Talk

#23383 - How GPUs Enable XVA Pricing and Risk Calculations for Risk Aggregation
James Mesney, KINETICA
Room 3 / 30 Minutes
Level: Intermediate / Talk

#23124 - The learning and intelligent vehicle - a human centric approach to save more
Ola Boström, AUTOLIV
Room 1 Auditorium / 30 Minutes
Level: All / Talk

#23363 - Optimizing, Profiling, and Deploying TensorFlow AI Models in Production with GPUs
Chris Fregly, PIPELINEAI
Room 14b / 30 Minutes
Level: Intermediate / Talk

#23451 - Developing a deep learning and AI platform for life science research
Robert Esnouf, WCHG/BDI
Room 5 / 30 Minutes
Level: Introductory / Talk

12:00
WEDNESDAY
October 11 **Formula Student Driverless Racing Teams**
Autonomous Vehicle Test Track / 90 Minutes
Level: All / Special Event

13:00
WEDNESDAY
October 11 **#23398 - Text Generation with TensorFlow**
Jonas Lööf, NVIDIA
Room 13b / 120 Minutes
Level: Intermediate / DLI

#23413 - Trading Strategy for Finance using LSTMs
Mike Imas, MIKE IMAS
Room 13a / 120 Minutes
Level: Intermediate / DLI

Deutsche Post Last Mile Autonomous Delivery
Autonomous Vehicle Test Track / 90 Minutes
Level: All / Special Event

#53021 - Deployment of Semantic Segmentation Network Using TensorRT
Joohoon Lee, NVIDIA
Chethan Ningaraju, NVIDIA
Room 11 / 90 Minutes
Level: Intermediate / Lab

#23031 - Multi GPU Programming Models
Jiri Kraus, NVIDIA
Room 4 / 60 Minutes
Level: Intermediate / Talk

#23075 - Enabling Global Growth with NVIDIA GRID
Jits Langedijk, PQR
Rody Kossen, AWL TECHNIEK
Room 21a / 60 Minutes
Level: All / Talk

WEDNESDAY 11 OCTOBER

13:00 WEDNESDAY October 11	#23155 - Real Time Video & Driver ID Verification from Vehicles Manuel Magalhaes, DIGITAL Steven Harris, DIGITAL BARRIERS Room 22 / 30 Minutes Level: Intermediate / Talk	#23282 - Dynamic Code Generation and Execution for Monte Carlo Simulations Vaivaswatha Nagaraj, NUMERIX Steve Karmesin, NUMERIX LLC Room 3 / 30 Minutes Level: Intermediate / Talk	#23210 - Case study: How we merged drones, machine learning and image data Adam Wisniewski, PWC POLAND Room 14b / 30 Minutes Level: All / Talk	#23173 - Automated and Tele-operated Cooperative Driving in Berlin Ilja Radusch, FRAUNHOFER Room 1 Auditorium / 30 Minutes Level: All / Talk	#23121 - Biomedical Image and Genetic Data Analytics in Dementia and Oncology Wiro Niessen, ERASMUS MC / Room 5 / 30 Minutes Level: All / Talk	#23442 - Global roll-out of the Digital Reality Hub at Volkswagen - Today's success Daniel Seidl, INNOACTIVE Room 14a / 30 Minutes Level: Intermediate / Talk
	#23475 - Efficient Training & Testing of ADAS AI with synthetic data Rodolphe Tchalekian, ESI GROUP Room 14c / 30 Minutes Level: All / Talk					
13:30 WEDNESDAY October 11	#23201 - Building Brains - Parallelisation strategies of large-scale deep learning neural Romeo Kienzler, IBM WATSON Room 14b / 60 Minutes Level: Advanced / Talk	#23209 - Minsky at Murex Pierre Spatz, MUREX Room 3 / 30 Minutes Level: Intermediate / Talk	#23105 - Learning with Virtual Reality at Deutsche Bahn Usman Ghias, DB SYSTEL GMBH Room 14a / 30 Minutes Level: All / Talk	#23218 - AI Driven Environment Modeling for Autonomous Driving on NVIDIA DRIVE PX 2 Alexey Abramov, CONTINENTAL Room 14c / 30 Minutes Level: Intermediate / Talk	#23139 - Park Smart AISee: AI at the Edge to Solve Parking Problem Marco Moltisanti, PARK SMART Room 22 / 30 Minutes Level: Introductory / Talk	#23472 - Deep Learning for Autonomous Driving Sepp Hochreiter, JOHANNES Markus Hofmarcher, INSTITUTE Room 1 Auditorium / 30 Minutes Level: All / Talk
	#23482 - Radiomics : The Path to Personalized Medicine Klaus Maier-Hein, GERMAN Room 5 / 30 Minutes Level: All / Talk					

WEDNESDAY 11 OCTOBER

14:00 WEDNESDAY October 11	#23207 - Deep Learning in Healthcare Bram Van Ginneken, Room 5 / 60 Minutes Level: Introductory / Talk	#23231 - GPU-Acceleration For Office Workers? Yes! Part 2: Win10/Office2016 Rasmus Raun-Nielsen, CONECTO Room 21a / 60 Minutes Level: Intermediate / Talk	#23441 - From Large-scale, Collaborative Multi-user VR to Cloud Streamed Car Martin Rademacher, AUDI AG Thomas Orenz, AUDI AG Room 14a / 60 Minutes Level: All / Talk	#23346 - The Future of IoT and intelligent Applications Enzo Fenoglio, CISCO Room 3 / 60 Minutes Level: Intermediate / Talk	#23254 - First Steps of YALES2 Code Towards GPU Acceleration on Standard and Prototype Jean-Matthieu Etancelin, Arnaud Renard, UNIVERSITY OF Room 4 / 30 Minutes Level: Intermediate / Talk	#23130 - Accelerating the TomTom HD Map flywheel Willem Stribosch, TOMTOM Room 14c / 30 Minutes Level: All / Talk
	#23322 - Open Fusion Platform for Automated Driving Cars Based on Nvidia DPX2 Paulin Pekezou Fouopi, GERMAN Mohsen Sefati, RWTH AACHEN, Room 1 Auditorium / 30 Minutes Level: All / Talk	#23161 - Tegra Goes Industry: Embedded Hyperspectral Imaging Michael Schoeffmann, Room 22 / 30 Minutes Level: All / Talk				
14:30 WEDNESDAY October 11	Virtual Vehicle: Autonomous Driving Autonomous Vehicle Test Track / 90 Minutes Level: All / Special Event	#23387 - Deep Learning Without Limits: NVIDIA GPU Cloud (NGC) Jim Mchugh, NVIDIA Room 14b / 60 Minutes Level: Intermediate / Talk	#23191 - Towards an Efficient CPU--GPU Code Hybridization: a Simple Guideline for Code Ludomir Oteski, ONERA Room 4 / 30 Minutes Level: All / Talk	#23355 - Bridging the Gap: From Fundamental AI Research to Real-World Challenges Yasser Jadidi, ROBERT BOSCH Room 1 Auditorium / 30 Minutes Level: Intermediate / Talk	#23344 - Baidu Apollo & Autonomous Driving Weihao Gu, BAIDU Room 14c / 30 Minutes Level: All / Talk	#23445 - Real-Time Face Recognition on Jetson Tx2 using TensorRT Tamas Grobler, ULTIINOUS Room 22 / 30 Minutes Level: All / Talk
15:00 WEDNESDAY October 11	#23428 - Evaluating Windows 10: Learn Why Your Users Need GPU Acceleration Erik Bohnhorst, NVIDIA Nachiket Karmarkar, NVIDIA Room 21a / 60 Minutes Level: Intermediate / Talk	#23495 - VR for Professionals – Introducing the first commercial VR wearable high performance Gwen Coble, HP, INC. Room 3 / 60 Minutes Level: All / Talk	#23269 - Flavors: Library for Fast Parallel Lookup Using Custom Radix Trees Albert Wolant, WARSAW Room 4 / 30 Minutes Level: Intermediate / Talk	#23385 - Learned driving Urs Muller, NVIDIA Room 1 Auditorium / 30 Minutes Level: All / Talk	#23424 - High Resolution Virtual Reality Challenges Marek Polcak, VRGINEERS Room 14a / 30 Minutes Level: Intermediate / Talk	#23440 - The Intelligent Cardiovascular Ultrasound Scanner Erik Steen, GE HEALTHCARE Room 5 / 30 Minutes Level: All / Talk

WEDNESDAY 11 OCTOBER

15:00 **#23492 - Radically Faster Video Intelligence: Using Deep Learning to help Police find**
Henry Hyde-Thomson,
Room 22 / 30 Minutes
Level: All / Talk

15:30 **#23399 - Image and Video Captioning by Combining CNNs and RNNs**
Jonas Lööf, NVIDIA
Room 13b / 120 Minutes
Level: Intermediate / DLI

#23414 - Algorithmic Trading using Deep Autoencoder based Statistical Arbitrage
Mike Imas, MIKE IMAS
Room 13a / 120 Minutes
Level: Intermediate / DLI

#23421 - Deploying Neural Networks in Embedded Applications
Charles Killam, NVIDIA
Room 12 / 120 Minutes
Level: Intermediate / DLI

#53032 - CUDA programming on Drive PX2
Chethan Ningaraju, NVIDIA
Room 11 / 90 Minutes
Level: Intermediate / Lab

#23434 - Inside the Volta GPU Architecture and CUDA 9
Axel Koehler, NVIDIA
Room 4 / 60 Minutes
Level: Intermediate / Talk

#23233 - Deep Learning for Human-centered Video Analysis Solutions
Christian Thureau, TWENTY
Room 14b / 30 Minutes
Level: All / Talk

#23376 - Self-Healing Maps for Autonomous Driving
Sanjay Sood, HERE
Room 14c / 30 Minutes
Level: All / Talk

#23018 - Personalizing Medicine and Healthcare using GPUs, Decision Support and
Steve Gardner, ROWANALYTICS
Room 5 / 30 Minutes
Level: Intermediate / Talk

#23427 - Democratizing Autonomous Driving with Cameras and A.I.
Hugo Fozzati, AUTOX
Room 1 Auditorium / 30 Minutes
Level: All / Talk

#23320 - PIXEVIA: AI Based, Real-Time Computer Vision System for Drones and Smart
Mindaugas Eglinskas, MAGMA
Room 22 / 30 Minutes
Level: Intermediate / Talk

#23342 - Why Light Field Technology is Essential for the Progression of Augmented and
Andy Gstoll, AVEGANT
Room 14a / 30 Minutes
Level: All / Talk

16:00 **Deutsche Post Last Mile Autonomous Delivery**
Autonomous Vehicle Test Track / 60 Minutes
Level: All / Special Event

#23092 - Using Deep Learning to Capture Storytelling in Photography
Appu Shaji, EYEEM
Room 14b / 30 Minutes
Level: Intermediate / Talk

#23150 - How to Optimise Sensor Fusion Algorithms into a PX2 Prototype
Felix Eberli, SUPERCOMPUTING
Stefan Hegemann,
Room 1 Auditorium / 30 Minutes
Level: All / Talk

#23314 - Learn How AI is Changing the World of Ophthalmology
Stefanos Apostolopoulos,
Sandro De Zanet, RETINAL
Room 5 / 30 Minutes
Level: Intermediate / Talk

#23374 - Real-Time Scanning with Jetson TX For Skin Cancer Detection
Jeremy Massey, IKO PTE LTD
Michael Gielda, ANTMICRO
Room 22 / 30 Minutes
Level: Intermediate / Talk

#23276 - A Centralized Functional Approach to Developing Self-Driving Trucks
Ralf Weller, MAN TRUCK & BUS
Room 14c / 30 Minutes
Level: All / Talk

WEDNESDAY 11 OCTOBER

16:00 **#23487 - Introduction to human-eye resolution VR**
WEDNESDAY
October 11 Urho Konttori, VARJO
Room 14a / 30 Minutes
Level: All / Talk

16:30 **#23102 - Light Fields Pipeline for Immersive Video Experiences**
WEDNESDAY
October 11 Valerie Allie, TECHNICOLOR
Room 14a / 30 Minutes
Level: Introductory / Talk

#23152 - Deep 3D - Machine Learning for Reconstruction and Repair of 3D Surfaces
Pascal Laube, HTWG KONSTANZ
Room 14b / 30 Minutes
Level: Intermediate / Talk

#23367 - Fast Low-Rank Numerical Solvers on DGX-1
Hatem Ltaief, KAUST
Room 4 / 30 Minutes
Level: Intermediate / Talk

#23299 - GPUs Enable Deep Neuroevolution for Vision-Based Autonomous Driving
Faustino Gomez, NNAISENSE
Jan Koutník, NNAISENSE SA
Room 1 Auditorium / 30 Minutes
Level: Intermediate / Talk

#23094 - Yandex Autonomous Vehicle: Achievements and Challenges in Environment
Anton Slesarev, YANDEX
Fedor Chervinsky, YANDEX
Room 14c / 30 Minutes
Level: Intermediate / Talk

#23275 - Using Cloud-based Deep Learning AI Platform to Analyze Gigantic Pathology
Kaisa Helminen, FIMMIC
Room 5 / 30 Minutes
Level: All / Talk

#23444 - A Deep Learning Approach for Pose Estimation.
Kanter Van Deurzen, DELFT
Room 22 / 30 Minutes
Level: Intermediate / Talk

17:00 **Formula Student Driverless Racing Teams**
WEDNESDAY
October 11 **Autonomous Vehicle Test Track / 60 Minutes**
Level: All / Special Event

#23449 - A Multi-GPU Scalable SDK for Real-time Stereo Stitching of 360 Video and
Thomas True, NVIDIA
Room 14a / 60 Minutes
Level: Intermediate / Talk

#23165 - cuDIMOT: A CUDA Toolbox for Modelling the Brain Tissue Microstructure from
Moises Hernandez Fernandez,
Room 4 / 30 Minutes
Level: Intermediate / Talk

#23267 - Beyond Detection: GANs and LSTMs for Paying Attention to Human Presence
Rita Cucchiara, IMAGELAB,
Room 14b / 30 Minutes
Level: Advanced / Talk

#23301 - Localization in 3D Biomedical Image Data Using Deep Learning
Mark-Jan Harte, AIDENCE
Room 5 / 30 Minutes
Level: Intermediate / Talk

#23439 - Designing for Utopia
Lewis Horne, UNITI SWEDEN AB
Room 14c / 30 Minutes
Level: All / Talk

WEDNESDAY 11 OCTOBER

17:00 #23317 - Adrenaline Fueled
WEDNESDAY Development: Racing with
October 11 Autonomous Vehicles
Jendrik Jördening, AKKA
Anthony Navarro, UDACITY
Room 1 Auditorium / 30 Minutes
Level: Intermediate / Talk

17:30 #23309 - Take It To The Track -
WEDNESDAY Autonomous Racing
October 11 Benjamin Ewert, SCHANZER
Daniel Görner, FÖRDERVEREIN
Florian Keck, KA-RACEING E.V.
Room 1 Auditorium / 60 Minutes
Level: All / Talk

#23200 - Scaling Machine
Learning – Enabling Enhanced
GPU Performance for AI
Gil Bloch, MELLANOX
Room 14b / 30 Minutes
Level: All / Talk

#23215 - Extensible and
Verifiable Nets for Autonomous
Driving
Gijs Dubbelman, EINDHOVEN
Room 14c / 30 Minutes
Level: Intermediate / Talk

#23228 - Neural Network for
Nanoscience: Scanning Electron
Microscope Image Recognition
Giuseppe Piero Brandino, EXACT
Room 5 / 30 Minutes
Level: Intermediate / Talk

18:00 #23263 - Clinical ABC
WEDNESDAY Fangde Liu, SURGICALAI
October 11 **Room 5 / 30 Minutes**
Level: All / Talk

19:30 GTC Party
WEDNESDAY Exhibition Hall and Concourse /
October 11 150 Minutes
Level: All / Special Event

THURSDAY 12 OCTOBER

09:00 THURSDAY October 12	#23400 - Image Creation with Generative Adversarial Networks in TensorFlow and Steven Harpster, NVIDIA Room 13a / 120 Minutes Level: Intermediate / DLI	#23410 - Training a Semantic Segmentation Network ready for Deployment in the Car Oliver Knieps, NVIDIA Room 2 / 120 Minutes Level: Advanced / DLI	#53035 - Image Classification & Object Detection using Deep Learning & MATLAB Girish Venkataramani, Alexander Schreiber, Bill Chou, MATHWORKS Room 12 / 90 Minutes Level: Introductory / Lab	#53491 - Distributed Deep Learning using Apache MXNet on AWS Vikram Madan, AMAZON WEB Cyrus Vahid, AMAZON WEB Room 13b / 90 Minutes Level: Intermediate / Lab	#53022 - Introduction and Integration with DriveWorks on Drive PX2 Aaraadhya Narra, NVIDIA Alessandro Ferrari, NVIDIA Room 11 / 90 Minutes Level: Intermediate / Lab	Formula Student Driverless Racing Teams Autonomous Vehicle Test Track / 60 Minutes Level: All / Special Event
	#23429 - Leadership Computing for Europe and the Path to Exascale Computing Thomas Schulthess, CSCS Room 4 / 60 Minutes Level: All / Talk	#23386 - NVIDIA Isaac: A Peek under the Hood Adam Moravanszky, NVIDIA Room 14a / 60 Minutes Level: Advanced / Talk	#23106 - Designing GPU-accelerated applications with real-time multisensor Xavier Rouah, INTEMPORA Room 14c / 30 Minutes Level: All / Talk	#23145 - Welcome to the Jet Age – How AI and Deep Learning Make Online Shopping Smarter Daniel Egloff, QUANTALEA AG Room 14b / 30 Minutes Level: All / Talk	#23156 - Application of Artificial Intelligence at Continental Umut Ikibas, CONTINENTAL Stefan Voget, CONTINENTAL Room 1 Auditorium / 30 Minutes Level: Introductory / Talk	
09:30 THURSDAY October 12	#23373 - PyTorch: a Framework for Fast, Dynamic Deep Learning and Scientific Computing Soumith Chintala, FACEBOOK Room 14b / 60 Minutes Level: Intermediate / Talk	#23347 - AI for driving monitoring in the future Martin Krantz, SMART EYE Room 1 Auditorium / 30 Minutes Level: All / Talk	#23356 - An Energy-Efficient Parallel Algorithm for Real-Time Near-Optimal UAV Path Daniele Palossi, ETH ZÜRICH Room 14c / 30 Minutes Level: Intermediate / Talk	#23502 - GPUs in the Cloud and why should I care? Andreas Pohl, MICROSOFT Room 5 / 30 Minutes Level: All / Talk		
10:00 THURSDAY October 12	Deutsche Post Last Mile Autonomous Delivery Autonomous Vehicle Test Track / 60 Minutes Level: All / Special Event	#23500 - Explore ProVR & the wider real-world benefits to your industry. Powered by Lenovo Mike Leach, LENOVO Joerg Walther, LENOVO Room 5 / 60 Minutes Level: All / Talk	#23183 - Using OpenMP and OpenACC standards for GPU on OpenPOWER: motivations and Gabriel Hautreux, GENCI Room 4 / 30 Minutes Level: All / Talk	#23108 - Deep Learning for Autonomous Driving: From advanced perception to end-to- Xavier Perrotton, VALEO Maximilian Jaritz, VALEO Room 1 Auditorium / 30 Minutes Level: All / Talk	#23071 - Operationalizing Machine Learning Using GPU Accelerated, In-Database Matthew Hawkins, KINETICA Room 3 / 30 Minutes Level: All / Talk	#23229 - Discover the next level of Virtual Reality Experiences and what it takes to bring them Leif Petersen, IGYNYTE GMBH Room 14a / 30 Minutes Level: All / Talk

THURSDAY 12 OCTOBER

10:00
THURSDAY
October 12
#23328 - Why the Self-Driving Revolution Hinges on one Enabling Technology: LiDAR
Louay Eldada, QUANERGY
Room 14c / 30 Minutes
Level: All / Talk

10:30
THURSDAY
October 12
#23349 - Deep Models for 3D Reconstruction
Andreas Geiger, MPI TÜBINGEN /
Room 14b / 30 Minutes
Level: All / Talk

#23348 - How to Prepare Weather and Climate Models for Future HPC Hardware
Peter Dueben, EUROPEAN
Room 4 / 30 Minutes
Level: Introductory / Talk

#23257 - Designing a software framework for automated driving
Sebastian Ohl, ELEKTROBIT
Room 1 Auditorium / 30 Minutes
Level: All / Talk

#23043 - Combining AI, RGB, and 3D for Self-Driving Cognition Systems
Yaron Tanne, VAYAVISION
Doron Elinav, VAYAVISION
Room 14c / 30 Minutes
Level: All / Talk

#23426 - Established Resources in Art and Music, New Realities in Performance
Fabio Buccheri, NOYS VR
Room 14a / 30 Minutes
Level: Intermediate / Talk

#23476 - Creative AI - Disrupting the Entertainment and Design Industries
Eric Risser, ARTOMATIX
Room 3 / 30 Minutes
Level: All / Talk

11:00
THURSDAY
October 12
Formula Student Driverless Racing Teams
Autonomous Vehicle Test Track / 60 Minutes
Level: All / Special Event

#23453 - How Game Engines Can Empower Projects Across the Automotive Sector
Doug Wolff, EPIC GAMES
Room 14a / 60 Minutes
Level: All / Talk

#23312 - Learning to Detect Human Activities in Untrimmed Videos
Bernard Ghanem, KAUST
Room 14b / 30 Minutes
Level: Introductory / Talk

#23277 - Efficiently Combining MPI and GPU-enhanced Tasks Within a Large Scale Industrial
Cedric Augonnet, CEA/DAM
Room 4 / 30 Minutes
Level: Advanced / Talk

#23330 - Large-scale Mapping with Street-level Images
Yubin Kuang, MAPILLARY
Room 14c / 30 Minutes
Level: All / Talk

#23382 - How Microcontrollers help GPUs in Autonomous Drive
Hans Adlkofer, INFINEON
Room 1 Auditorium / 30 Minutes
Level: Intermediate / Talk

#23345 - The Role of GPUs in Geovisualisation
Todd Mostak, MAPD
Room 3 / 30 Minutes
Level: Intermediate / Talk

#23250 - Improving Deep Learning scalability on HPE servers with NovuMind: GPU
Bruno Monnet, HEWLETT
Ren Wu, NOVUMIND INC
Room 5 / 30 Minutes
Level: Intermediate / Talk

THURSDAY 12 OCTOBER

11:30 THURSDAY October 12	#23164 - Fastest GPU-Based OLAP and Data Mining: Big Data Analytics on DGX Roman Raevsky, POLYMATICA Room 4 / 30 Minutes Level: Intermediate / Talk	#23114 - Deep Learning for Image Analysis and Synthesis Louis Chevallier, TECHNICOLOR Room 3 / 30 Minutes Level: Intermediate / Talk	#23304 - Detection and Segmentation of Road Images with Deep Learning William Raveane, MAPSCAPE Frank Geujen, MAPSCAPE Room 14c / 30 Minutes Level: All / Talk	#23245 - HPE's Deep Learning Cookbook Sorin Cheran, HPE Room 5 / 30 Minutes Level: All / Talk	#23368 - Artificial Intelligence for Cognitive Vehicles - Applications and Technologies Florian Netter, AUDI AG Room 1 Auditorium / 30 Minutes Level: All / Talk	#23480 - Earth Observation: Land Use and Land Cover Classification Using Satellite Patrick Helber, UNIVERSITY OF Room 14b / 30 Minutes Level: All / Talk
12:00 THURSDAY October 12	Deutsche Post Last Mile Autonomous Delivery Autonomous Vehicle Test Track / 60 Minutes Level: All / Special Event					
13:00 THURSDAY October 12	#23402 - Image Style Transfer with Torch Steven Harpster, NVIDIA Room 13a / 120 Minutes Level: Intermediate / DLI	#23406 - Text Classification with TensorFlow Valentin Malykh, MOSCOW Room 13b / 120 Minutes Level: Intermediate / DLI	#53020 - Best GPU Code Practices Combining OpenACC, CUDA, and OmpSs Pau Farre, BARCELONA Antonio Peña, BARCELONA Room 12 / 90 Minutes Level: Intermediate / Lab	#53021 - Deployment of Semantic Segmentation Network Using TensorRT Joohoon Lee, NVIDIA Chethan Ningaraju, NVIDIA Room 11 / 90 Minutes Level: Intermediate / Lab	#23372 - GPU-accelerated Deep Neural Networks for End-to-end Differentiable Planning and Tim Rocktäschel, UNIVERSITY OF Room 14b / 60 Minutes Level: Advanced / Talk	Formula Student Driverless Racing Teams Autonomous Vehicle Test Track / 60 Minutes Level: All / Special Event
	#23496 - Sequence to Sequence Modeling: Neural Machine Translation with Sockeye Cyrus Vahid, AMAZON WEB Room 5 / 60 Minutes Level: Advanced / Talk	#23136 - Scientific Ray-Tracing with OptiX Timo Stich, ZEISS Room 4 / 30 Minutes Level: Intermediate / Talk	#23223 - Distributed Deep Learning on MapR Converged Data Platform with William Cairns, MAPR Room 3 / 30 Minutes Level: Intermediate / Talk	#23362 - Large Scale Training for Autonomous Driving Philip Kessler, UNDERSTAND.AI Fabian Both, UNDERSTAND.AI Room 1 Auditorium / 30 Minutes Level: All / Talk	#23447 - The power of integrated high-end visualization and VR in Product Martin Leps, DASSAULT Room 14a / 30 Minutes Level: All / Talk	#23196 - Visual Perception for Autonomous Driving on the NVIDIA DrivePX2 and using Juan Carlos Moure, UNIVERSITY Antonio Espinosa, UNIVERSITY Room 14c / 30 Minutes Level: All / Talk

THURSDAY 12 OCTOBER

13:30 THURSDAY October 12	#23030 - Building Autodesk's VR Centre of Excellence with NVIDIA Quadro Danny Tierney, AUTODESK GMBH Simon Nagel, AUTODESK GMBH Room 14a / 60 Minutes Level: All / Talk	#23361 - Empowering Telcos And Clouds With Image Recognition A.I. Georgi Kadrev, IMAGGA Room 3 / 30 Minutes Level: All / Talk	#23430 - Towards Green Aviation with Python at Petascale Peter Vincent, IMPERIAL Room 4 / 30 Minutes Level: Intermediate / Talk	#23318 - Tronis meets Truck: How virtual reality leverages real prototyping of autonomous Karl Kufieta, TWT SCIENCE AND Michael Ditze, TWT SCIENCE Room 1 Auditorium / 30 Minutes Level: All / Talk	
14:00 THURSDAY October 12	Deutsche Post Last Mile Autonomous Delivery Autonomous Vehicle Test Track / 60 Minutes Level: All / Special Event	#23503 - Deep Learning & TensorRT Powered Video Analytics and Future of Mike Kemelmakher, SAP SE Room 5 / 60 Minutes Level: All / Talk	#23303 - Texture Based 3-D Volume Segmentation on GPU Clusters: Application to Digital Rached Abdelkhalek, TOTAL Noomane Keskes, TOTAL Issam Said, NVIDIA Room 4 / 30 Minutes Level: All / Talk	#23425 - Efficient inference with TensorRT Han Vanholder, NVIDIA Room 14c / 30 Minutes Level: Introductory / Talk	#23358 - Accelerating common Business Software with the Power of GPUs & Deep Learning Dieter Weiler, Q2WEB GMBH Lison Weiler, SHARERADO UG Room 3 / 30 Minutes Level: All / Talk
14:30 THURSDAY October 12	#23450 - Caffe2: A New Lightweight, Modular, and Scalable Deep Learning Marat Dukhan, FACEBOOK Alexander Sidorov, FACEBOOK Room 14c / 60 Minutes Level: All / Talk	#23047 - Designing the Collaborative Virtual Workspace Infrastructure Jan Wurster, ESI GROUP Room 14a / 30 Minutes Level: Intermediate / Talk	#23327 - GPU-based CFD for Ultra-fast, High-fidelity Simulations for Automotive Christian Janßen, TUHH-ALTAIR Room 4 / 30 Minutes Level: All / Talk	#23331 - Cross-Domain Face Recognition Solution Based on GPU-Powered Deep Learning Alexander Khanin, VISION LABS Room 3 / 30 Minutes Level: All / Talk	
15:00 THURSDAY October 12	#23179 - High Resolution GPU Codes for Direct Numerical Simulation of Turbulence Alberto Vela-Martin, TECHNICAL Room 4 / 30 Minutes Level: Introductory / Talk	#23270 - Augmented Reality for Navigation and Informational ADAS Sergii Bykov, APOSTERA GMBH Room 14a / 30 Minutes Level: Intermediate / Talk	#23504 - Get organized! How to keep track of your deep learning experiments. Soeren Heinzmann, AETROS Room 3 / 30 Minutes Level: Intermediate / Talk		

THURSDAY 12 OCTOBER

15:30 THURSDAY October 12	#23403 - Rendered Image Denoising using Autoencoders Steven Harpster, NVIDIA Room 13a / 120 Minutes Level: Intermediate / DLI	#23407 - Text Generation using sequence-to-sequence with TensorFlow Valentin Malykh, MOSCOW Room 13b / 120 Minutes Level: Intermediate / DLI	#53028 - Step by step implementation and optimization of simulations in Lokman Abbas-Turki, UPMC Room 12 / 90 Minutes Level: Intermediate / Lab	#53023 - EGLStreams: Interoperability for Camera, CUDA and OpenGL Debalina Bhattacharjee, NVIDIA Anshuman Bhat, NVIDIA Sharan Ashwathnarayan, NVIDIA Room 11 / 90 Minutes Level: Introductory / Lab	#53033 - Writing Elegant Host-side code with Modern-C++ CUDA Runtime API wrappers Eyal Rozenberg, CWI Room 2 / 60 Minutes Level: All / Lab	#23206 - Agency in Multi-User and Collaborative VR Enabled By NVIDIA "MUVR" Virtual Cyril Tuschi, YOU-VR Room 14a / 30 Minutes Level: All / Talk
	#23375 - Teaching Cars, Robots and Buildings to Read Human Body Language using Webcams Paul Kruszewski, WRNCH Room 14c / 30 Minutes Level: All / Talk	#23103 - Disrupting the Creative Industry with AI Marco Marchesi, HAPPY FINISH Daniel Cheetham, HAPPY FINISH Room 3 / 30 Minutes Level: Intermediate / Talk				
16:00 THURSDAY October 12	#23370 - DGX Systems: Best Practices for Deep Learning from Desk to Data Center Markus Weber, NVIDIA Haiduong Vo, NVIDIA Room 14c / 30 Minutes Level: Intermediate / Talk	#23448 - Intro to VRWorks: How to optimize your VR application for minimal latency and Dominic Eskofier, NVIDIA Room 14a / 30 Minutes Level: All / Talk				
16:30 THURSDAY October 12	#23070 - Lessons Learned in a Large-Scale Facial and Environment Recognition Harris Hall, PURE STORAGE Room 14c / 30 Minutes Level: Introductory / Talk	#23177 - Unlocking Europe's Potential in the VR/AR Industry Daan Kip, VRBASE Sara Lisa Vogl, VRBASE Room 14a / 30 Minutes Level: All / Talk				

THURSDAY 12 OCTOBER

17:00 **#23244 - Visualizing and Interrogating Black box AI Models with GPU Enabled**
Zach Izham, VOLKSWAGEN
Asghar Ghorbani, VOLKSWAGEN
Room 14c / 30 Minutes
Level: Intermediate / Talk
