

# Khronos Standards for Neural Networks and Embedded Vision – May 2018

| Time           | Topic   | Speaker                                 |
|----------------|---|---|
| 8:55-09:00 am  | Kick-off  | Radhakrishna Giduthuri (AMD)            |
| 9:00-9:15 am   | Khronos Ecosystem for Embedded System                                     | Frank Brill (Cadence)                   |
| 9:15-9:45 am   | Overview of NNEF  | Peter McGuinness (Independent)          |
| 9:45-10:30 am  | Overview of OpenVX  | Niclas Danielsson (Axis Communications) |
| 10:30-11:00 am | Morning break   |   |
| 11:00-12:00 pm | Neural Network Inference with NNEF and OpenVX                             | Radhakrishna Giduthuri (AMD)            |
| 12:00-12:15 pm | OpenVX Safety-critical APIs   | Frank Brill (Cadence)                   |
| 12:15-12:30 pm | OpenVX Extensions   | Radhakrishna Giduthuri (AMD)            |
| 12:30-1:30 pm  | Lunch break   |   |
| 1:30-3:00 pm   | Vendor presentations and demos  |   |
| 3:00-3:30 pm   | Afternoon break   |   |
| 3:30-4:15 pm   | TensorFlow acceleration for neural network inference using SYCL ecosystem | Andrew Richards (Codeplay)              |
| 4:15-5:00 pm   | Modern C++ for accelerators: a SYCL deep dive                             | Andrew Richards (Codeplay)              |
| 5:00-5:30 om   | OpenVX/NNEF Roadmap and General Q&A                                       | Frank Brill (Cadence), All              |