OAI Group Monthly Update (OCP Regional Summit)

10092019
<table>
<thead>
<tr>
<th>Talks</th>
<th>Session Title</th>
<th>9/26-9/27</th>
</tr>
</thead>
<tbody>
<tr>
<td>LN</td>
<td>Open Accelerator Infrastructure Project lightning talk</td>
<td></td>
</tr>
<tr>
<td>WS1</td>
<td>Open Accelerator Infrastructure Overview</td>
<td>13:00-13:15pm</td>
</tr>
<tr>
<td>WS2</td>
<td>OAI-UBB: Universal baseboard for OCP Accelerator Module</td>
<td>13:20-13:40pm</td>
</tr>
<tr>
<td>WS3</td>
<td>OAM Reference Systems Design Joint Review</td>
<td>13:45-14:25pm</td>
</tr>
<tr>
<td>WS4</td>
<td>System management, security on OAI</td>
<td>14:30-14:50pm</td>
</tr>
<tr>
<td>WS5</td>
<td>Cooling solution on OAM Reference systems</td>
<td>14:55-15:15pm</td>
</tr>
<tr>
<td>Panel</td>
<td>OAM Panel discussion</td>
<td>15:20-16:00pm</td>
</tr>
</tbody>
</table>
Open Accelerator Infrastructure

- OAI overall spec
- Universal Base Board (UBB)
- Host Interface Board (HIB)
- Power Distribution Board (PDB)
- OAM tray
- Security, Control, Management
- Chassis mechanical and cooling
- Expansion beyond Chassis
OAM

• Spec v0.85 released on March 14, 2019
• Spec v1.0 released on July 31, 2019
• We are working with accelerator suppliers to enable their OAM-based solutions
Universal Baseboard

- Supports both 19” and 21” rack
- Supports 54V/48V and 12V
- Supports different interconnect topologies
- 8* QSFP-DD connectors for scale-out

UBB workshop: 9/27 1:20pm
OAM Reference Systems

- OAM
- UBB
- Tray

Ref Sys workshop: 9/27 1:45pm
OAI/OAM Timeline

2017
Q4
Idea/Concept

2018
Q1
OAM Spec v0.1

Q2
Engage with Community

Q3
Spec v0.85 OAI Subgroup

Q4
Intel OAM

2019
Q1
OAM Spec v1.0

Q2
Habana OAM

Q3
AMD OAM

Q4
UBB Spec v0.4 OAM Ref sys*3

2020
Q1
Nvidia OAM

Q2
AMD OAM

Engage with Community
OAI JDA Group

facebook, Microsoft Azure, Baidu, Tencent, Alibaba Group, Intel, AMD, Xilinx, Enflame, NVIDIA, molex, inspur, hyve, Inventec, zt Systems, Amphenol
OAI Experiencing Lab
Backup