Example

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| No. 33 |
| Next-generation three-dimensional display and measurement |
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| **3D Holography with High-Performance Computers** |
| Holography is a technique for recording and reproducing three-dimensional images. Our research team developed a phase-type HORN-8 as a dedicated computer for projecting holography. We adapted a calculation method that adjusts the phase of light, and succeeded in projecting holography as a 3D video with high-quality images. The existing computer had a bottleneck problem for the processing speed, but the latest phase type HORN-8 has 8 chips on an Field Programmable Gate Array (FPGA) board and the chips are prevented from communicating with each other. We confirmed that the processing speed increased based on the number of chips. In our presentation, we will introduce the characteristics of latest devise based on the structure of existing HORNs.  |

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| Project Name |
| Author 1, Author 2, Author 3  |
| 1 Affiliation 　2 Affiliation 3 Affiliation |
| **Title**  |
| Abstract: up to 180 words.  |