

PRESS RELEASE
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Hyperstone presents at the Flash Memory Summit 2019

Mission Viejo, California, July 23, 2019 – At this year's Flash Memory Summit, Hyperstone has been invited to present twice in both the Embedded Applications and Drive Design sessions of the prestigious conference at the Santa Clara Convention Center. The conference takes place between the 5th and 8th of August 2019.

The presentations held by Dr. Jan Peter Berns, Managing Director of Hyperstone and Axel Mehnert, VP of Marketing and Product Strategy will share insights on 'Designing Reliable Flash Storage Systems' and 'Using SSD Performance Numbers Effectively'. Abstracts and session information follows.

Using SSD Performance Numbers Effectively

EMBD-101B-1: Embedded Applications, Part 2 – Applications | 08/06/2019 9:45AM

Speaker: Dr. Jan Peter Berns, Managing Director

Most engineers look at the performance numbers first when examining an SSD datasheet. But what do those numbers actually mean in practice? While most have understood the difference between read- and write-, sequential- and random-performance in MB/s and IOPS, not everyone is aware how these figures vary over the drive's lifetime and depending on different use-cases. It's valuable to understand what and how different factors and mechanisms influence performance in SSDs.

Designing Reliable Flash Storage Systems

EMBD-101-A-1: Embedded Applications, Part 1 - Drive Design | 08/06/2019 8:30AM

Speaker: Axel Mehnert, VP Marketing & Product Strategy

Achieving the highest reliability in flash storage has many aspects. Implementing an error correction algorithm capable of soft-decoding and with a guaranteed error floor is only one issue. Continuous calibration of the readout-levels of the memory cells during operation is just as crucial. The firmware responsible for all flash management tasks must balance the wear and performing scan-reads of the stored data. Designers may want to take a holistic approach to achieve the lowest possible error rates and maximize endurance.

If you're interested in learning more about flash memory controllers, reliable storage, industrial USB controllers and our latest low-power SATA controller, you are cordially invited to visit us at the conference and we look forward to meeting you!

To organise a meeting with Hyperstone, please send an email to us.sales@hyperstone.com



About Hyperstone

Hyperstone is a fabless semiconductor company based in Konstanz, Germany with a strong focus on world class flash memory controllers for industrial embedded markets. Its products set the standard for high-reliability flash management providing confidence for NAND flash performance in mission critical situations. Hyperstone's products include microcontrollers for various host interfaces and performance points, e.g. SATA, USB, CF/PATA, SD/microSD and eMMC. Flash controller firmware is supplied complementary to the controllers and customized for each flash and application. Hyperstone is a member of the CML Microsystems Plc group, traded on the London Stock Exchange.

To learn more about Hyperstone, please visit www.hyperstone.com

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