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Printed on 2025/10/25 01:55 https://wiki.linux-ottawa.org/

## **PS3 Super Computing Cluster**

# January Meeting: PS3 Super Computing Cluster

Date: January 4, 2011 at 7 p.m.

Location: Algonquin College (Woodroffe Campus), room P211A

#### **Gnews**

Speaker: various

The meeting will begin with our semi-regular Gnews session that briefly highlights "New to Linux" beginner topics and other Linux tips.

After the main presentation we will have a Q & A help session. open to the floor so bring your problems and the group will no doubt have some insights on them.

## How to set up and program a PS3 super computing cluster

Speaker: Matthew Bastian

Talk outline:

- 1. What is super computing?
- 2. Why the PS3?
- 3. The PS3 architecture.
- 4. What does a cluster look like?
- 5. Programming a cluster.
- 6. Some timing examples.
- 7. Observations and conclusions.

#### **About the Speaker**

Matthew Bastian is a flight test engineer with the National Research Council of Canada. When he's not

busy flying on research aircraft, he writes real time airborne data acquisition software.

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