

For a calendar of technical society meetings in the Mid-Hudson Valley go to:
<http://pok.acm.org/calendar.html> and/or to MHVLUG's calendar at <http://hvstem.org/>



Poughkeepsie Chapter of the Association For Computing Machinery

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    a  a          cc    cc    mm mm    mm mm
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 aa  aa        cc    cc    mm          mm
 aa  aa        cccccccc  mm          mm  Free and open to the public
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Program: NUMA Memory Architecture and the Linux Memory System

When: 7:30 pm, Monday, May 9th, 2016

Where: **Hancock Center, Room 2023, Marist College** **Meeting Location Changed**

Directions: **Building 16 on the map at <http://www.marist.edu/welcome/map.html>**

Parking: Please park at black dot #11 on <http://www.marist.edu/welcome/map.html> (the lot North of the Hancock Center #16) or in the lot East of Route 9, S/E of the former Main Entrance.

Speaker: Patrick Ladd

About the Program: As modern systems achieve performance targets by increasing the number of sockets and cores rather than increasing the processor bus speed, new architectures have been needed to integrate the processors to the memory subsystem. This talk will present an overview of modern server memory architecture, including Non-uniform Memory Access (NUMA) systems.

These architectural changes have necessitated changes in the Linux kernel memory subsystem to react to these changes in server architectures. The talk will also present an overview of the Linux kernel memory management structures and the changes that have taken place in it to evolve along with the architectural changes in computing hardware.

About the Speaker: Patrick Ladd is currently a Technical Account Manager with Red Hat Software, the leading commercial vendor of Linux and Open Source software. Prior to that he was IT manager of a local fuel company and a software engineer in electronic design automation at IBM. He has a BS degree in Computer Engineering from Case Western Reserve University. He is an active member of several local technical organizations including the Mid Hudson Valley Linux Users Group, Squidwrench (a local maker space), the Google Developers Group, and is founder of the New York Red Hat Users Group.

Cost: Our meeting is **Free** and open to the public

Dinner: 6:00 pm, Palace Diner, 845.473.1576
Map and menu: www.thepalacediner.com
All are welcome to join us for dinner.

We thank Marist College for hosting the chapter's meetings.

Refreshments are served after the meeting.

For further information, email collier@acm.org or call 845.522.1971.



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