

Modern Languages, Modern Architectures

Associate Professor Steve Blackburn

"With multi-core, it's like we're throwing this Hail Mary pass down the field and now we have to run down there and see if we can catch it"

Dave Ditzel (Transmeta Founder), February 2008

- Work with lead developers of next generation languages such as X10 (IBM).
 - How do we efficiently implement these languages on new architectures?
- Work with lead architects (Intel and IBM)
 - How can we better support these languages?
 - How can we make better use of multi-core?

- **Challenging?**
 - Yes. Creativity, drive, excellent problem solving skills, and ability to write good code are all essential.
- **Relevant?**
 - Yes. Helping shape the next generation of languages and architectures.
- **Open?**
 - Yes. Lead maintainers of high performance open source research infrastructure.
- **High Impact?**
 - Yes. We influence industry, write highly cited publications, and produce widely used software.
- **Fun?**
 - **Yes! :-)** Work with researchers from around the world.
- **Interested?**
 - See Steve Blackburn (N217)

