



# NANOG 29

*OCTOBER 19-21, 2003 · CHICAGO*

ARIN XII



## CHICAGO

October 22 · 24, 2003



Merit Network  
University of Michigan

*hosted by*  ***server central***

Thanks to:

**Jordan Lowe**



Dave



Bob



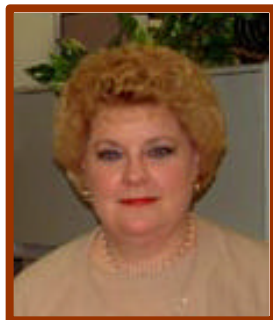
Betty



Jason



Jeff



Carol



Dawn

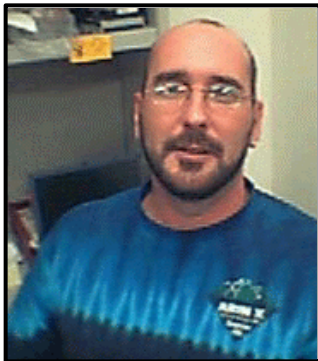
Teresa  
Raymond



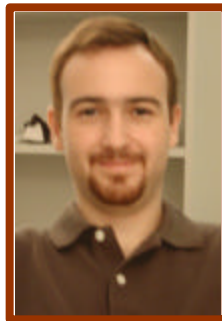
Ray Plzak



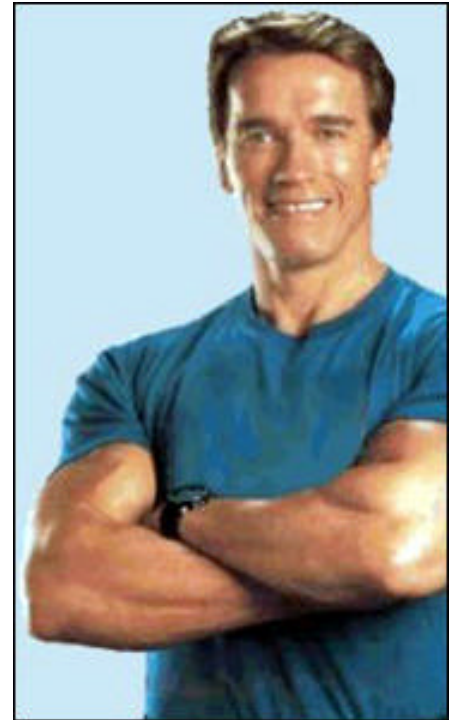
Susan Hamlin



Matt Ryanczak



Ed Pizzarello



John Curran

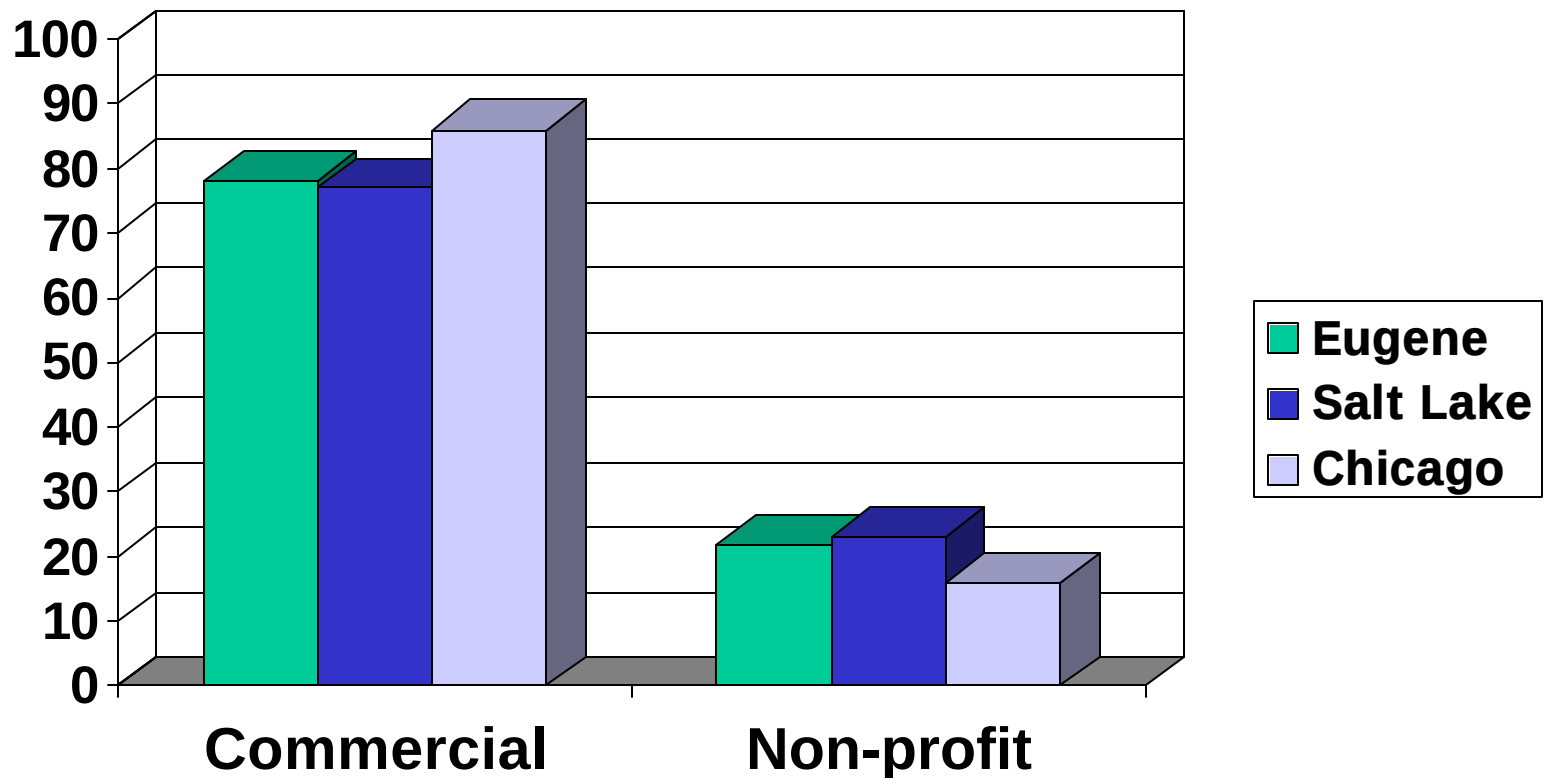
# Meeting Stats

|                           | Eugene | Phoenix | Salt Lake | Chicago |
|---------------------------|--------|---------|-----------|---------|
| Attendance                | 520    | 385     | 285       | 505     |
| NAPs represented          | 8      | 11      | 8         | 7       |
| Univ/Colleges/<br>Schools | 16     | 15      | 16        | 17      |
| Asia-Pacific,<br>Africa   | 36     | 22      | 12        | 27      |
| Europe                    | 17     | 11      | 8         | 33      |
|                           |        |         |           |         |

# Commercial and Non-profit Attendees

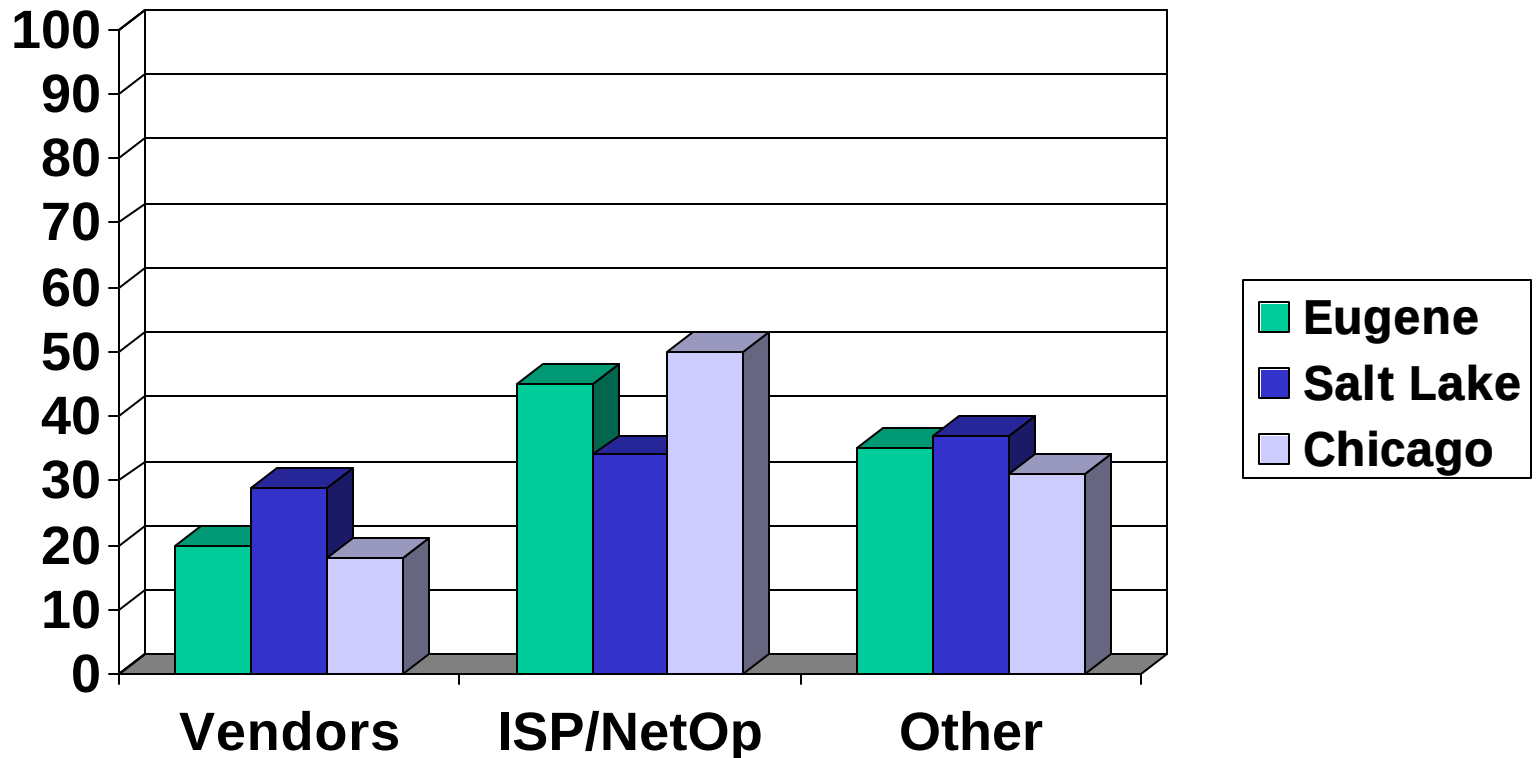
## Eugene, Salt Lake, Chicago

Percentage



# Occupation Percentages Eugene, Salt Lake, Chicago

Percentage

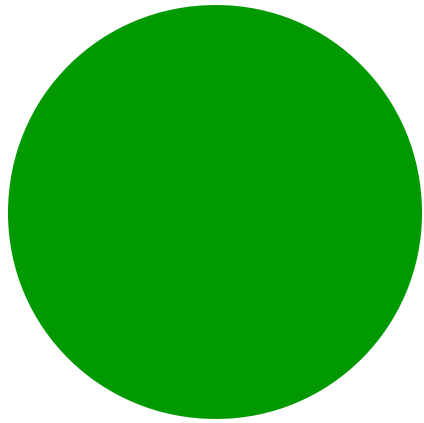




# Mailing List

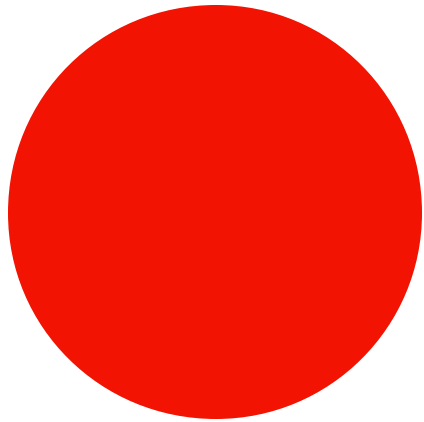
|                          | October '02 | Today |
|--------------------------|-------------|-------|
| Direct nanog subscribers | 5,927       | 7,391 |
| nanog-post               | 4,635       | 5,544 |
| nanog-announce           | 533         | 617   |
| nanog-digest             | 809         | 1,083 |

# Buttons on Badges



=

Ask me about peering



=

I sign PGP keys

# Session Moderators

- Bill Manning
- Elise Gerich
- K Claffy
- CJ Wittbrodt
- Dave Meyer

Remember to introduce yourself  
when asking questions

# Break Sponsors

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Monday Continental  
Breakfast



Monday Afternoon  
Break

**THANK YOU!**

# Multicast



# DNS, Cache, DHCP



# Security Caution

- Don't use cleartext passwords
- End-to-end authentication needed (e.g., ssh)

**And now ... Ray !**