

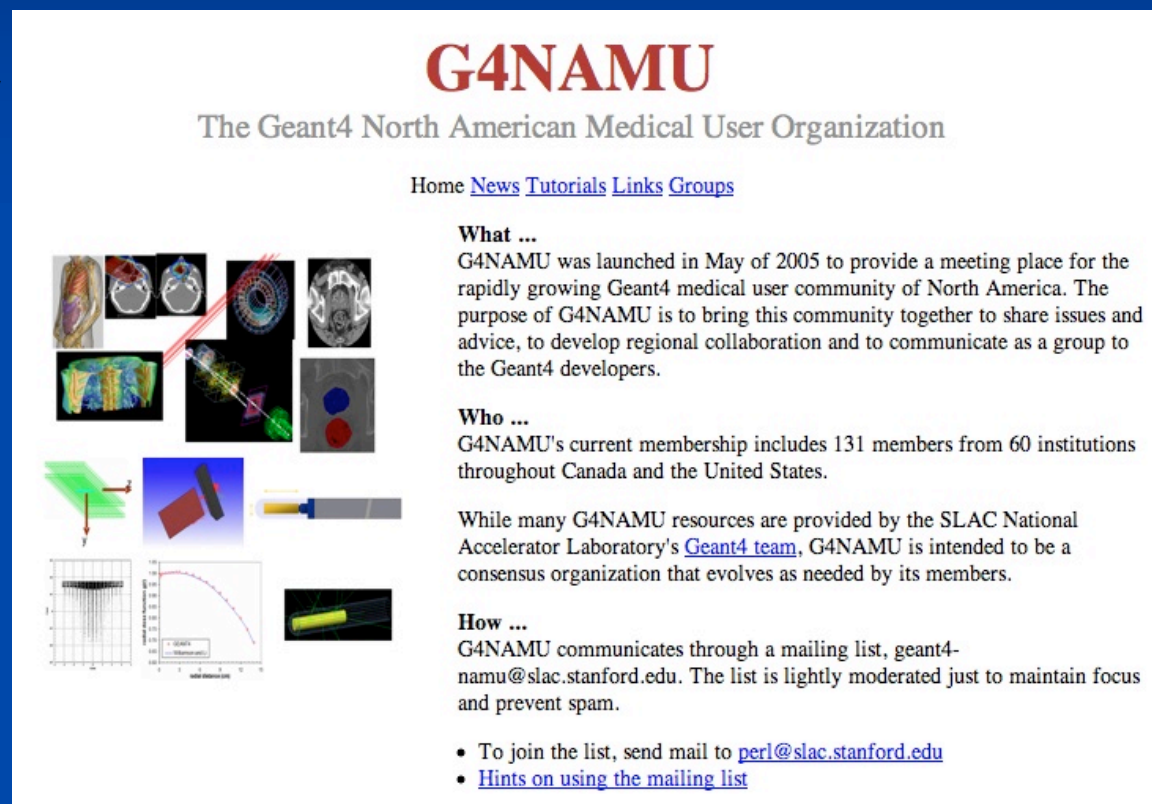
Geant4 North American Medical Users Organization - G4NAMU

Launched in 2005 to provide a meeting place for the rapidly growing Geant4 medical user community of North America

- Bring this community together to share issues and advice, to develop regional collaboration and to communicate as a group to the Geant4 developers.

- Current membership includes 131 members from 60 institutions throughout North America

- <http://geant4.slac.stanford.edu/g4namu/>



G4NAMU
The Geant4 North American Medical User Organization

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What ...
G4NAMU was launched in May of 2005 to provide a meeting place for the rapidly growing Geant4 medical user community of North America. The purpose of G4NAMU is to bring this community together to share issues and advice, to develop regional collaboration and to communicate as a group to the Geant4 developers.

Who ...
G4NAMU's current membership includes 131 members from 60 institutions throughout Canada and the United States.

While many G4NAMU resources are provided by the SLAC National Accelerator Laboratory's [Geant4 team](#), G4NAMU is intended to be a consensus organization that evolves as needed by its members.

How ...
G4NAMU communicates through a mailing list, geant4-namu@slac.stanford.edu. The list is lightly moderated just to maintain focus and prevent spam.

- To join the list, send mail to perl@slac.stanford.edu
- [Hints on using the mailing list](#)

Membership

G4NAMU's current membership includes 131 members from 60 institutions throughout North America.

Current subscribers to the mailing list (page 1 of 5):

- SLAC: Joseph Perl, Makoto Asai, Jeremy McCormick, Dennis Wright
- Harvard & Mass General: Harald Paganetti, Xing-Qi Lu , Joao Seco, Benjamin Clasio, Cindy Hancox, Basit Athar, Xinhua Li, Samuel Palomares
- UCSF: Bruce Faddegon, Inder Daftari, Adam Cunha
- ULaval: Louis Archambault, Luc Beaulieu, Francois Therriault-Proulx, Hossein Afsharpour, Michel D'Amours
- CHUQ: Luc Gingras
- UPenn: Steven Avery , Dickson Goulart, Jim McDonough, Chris Ainsley
- Stanford: Lei Xing, Paul Keall, Magdalena Bazalova, Magdalena Constantin, Dragos Constantin, Matt Noll
- Louisiana State University: Blair Smith, John Chapman
- Fox Chase: Charlie Ma, Jiajin Fan, Jinsheng Li
- (continued on next slide...)

Membership (continued)

Current subscribers to the mailing list (continued):

- McGill: Emily Poon, Jan Seuntjens, Brigitte Reniers, Andrew Alexander
- Triumpf: Peter Gumplinger, Frederick Jones
- Memorial Sloan-Kettering: C. Ross Schmidtlein, Assen Kirov, Sadek Nehmeh, Christopher Danford
- Johns Hopkins: Ben Tsui, Jingyan Xu, Eric Frey, Mikhail Shilov, Yong Du
- University of Arkansas: Xuejun Weng, Yulong Yan
- Jefferson Lab: Paul Gueye, Stan Majewski, David Hamlette, Marion MacCormic, Nnenna Onumah, Nanda Karthik, Yuriy Prilepskiy
- Advanced Laser Light Source: Jean-Claude Kieffer, Jean-Philippe Moreau
- University of Wisconsin – Madison: Hazim A Jaradat, Jonathan Engle, Miao Zhang
- University of Wisconsin – Milwaukee: Lisa Goggin
- INRS: François Vidal, Sylvain Fourmaux, Ludovic Lecherbourg, Rémy Toth
- Université de Sherbrooke: Daniel Houde
- (continued on next slide...)

Membership (continued)

Current subscribers to the mailing list (continued):

- University of Alberta: Robert Fedosejev, Craig Unick
- Walter Reed Army Medical Center: Kevin Kramer
- University of Washington: Ruth Schmitz
- University of Minnesota: Lihong Qin
- Rensselaer Polytechnic: Bryan Bednarz, Valery Taranenko
- Emory University: Ioannis Sechopoulos
- University of Arizona: Don Wilson
- EXELAR Medical Corp & Rush University: Gocha Khelashvili
- University of Florida: Yuxin Feng, Alexei Chvetsov, Badal Juneja
- Idaho State University: Eddie Tatar
- IN2P3: Sebastien Incerti
- UC Santa Cruz: Hartmut Sadrozinski
- McMaster University: Victor Kreft
- (continued on next slide...)

Membership (continued)

Current subscribers to the mailing list (continued):

- MD Anderson Cancer Center: Xiaoning Ding, Jerimy Polf, James Yang, Steve Peterson, Gabriel Sawakuchi, Lingyun Chen
- Mayo Clinic: Oleksandr Dzyubak, Xin Liu, Nicholas Remmes
- University of Montreal: Jean-François Carrier, Philippe Després, Martin Gauthier
- Vanderbilt University: Jonathan Rogers, David Ernst
- Universidad Nacional de Colombia: Luz Stella Veloza Salcedo
- ESA, ESTEC: Petteri Nieminen, Giovanni Santin
- University of Kentucky: Dharmin Desai
- Oklahoma Health Sciences Center: Yong Chen, Salahuddin Ahmad
- University of Virginia: Stanley Benedict
- Agile Engineering: Chad Bircher
- St. Jude Children's Research Hospital: Chris Beltran, Ishtiaq Bercha
- Dartmouth-Hitchcock Medical Center: Christina Skourou
- (continued on next slide...)

Membership (continued)

Current subscribers to the mailing list (continued):

- Loma Linda University Medical Center: Andrew Wroe
- University of Southern California: Hongyu Jiang
- UT Health Science Center at San Antonio: Xudong Wang, Yongjun Zhai
- Duke University: Anuj Kapadia
- Sydney University: Zdenka Kuncic
- BARC, Mumbai: Bibek Mishra
- Sibley Memorial Hospital: Zhenyu Shou
- Copenhagen University Hospital: Christina Zacharatou
- Texas A&M: Fada Guan
- Ohio State: Zhibin Huang
- Cross Cancer Institute, Edmonton: Yingli Zhao
- Advanced Radiation Physics, Houston: Meng Wei Ho
- Norris Cotton Cancer Center: Nathan Nelson
- Benemerita Universidad Autonoma de Puebla: Eva Medel Baez

G4NAMU within the World Geant4 Collaboration

- Of course all Geant4 users are part of a world wide community.
 - Medical Applications forum and other user forums are available for discussion and exchange, as well as other Geant4 workshops and meetings.
- But regional efforts also have a role.
 - In Europe, there is now a corresponding organization, G4EMU <http://g4emu.wikispaces.com/> (functions as a Wiki, but not as a mailing list)
 - In Japan, many efforts has been organized through Takashi Sasaki of KEK as part of JST/CREST
 - In North America, there is G4NAMU

G4NAMU's Role

- G4NAMU serves as voice of the North American Geant4 Medical User community
- We've used it to:
 - Foster nearby collaborations
 - Pass the word about workshops and tutorials
 - Advertise for Geant4-related jobs
 - Collect requirements for Geant4 developers
 - Notify about important changes to Geant4 of specific relevance to medical physics

How Does G4NAMU Work

- We've have created a mailing list that hits just about every significant Geant4 medical user in North America
 - geant4-namu@slac.stanford.edu
 - The list is lightly moderated just to maintain focus and prevent spam
 - To join the list, send mail to perl@slac.stanford.edu
 - Though members are not posting as much as I'd like
- We've met five years in a row now at AAPM
 - With major turn out every year despite the lateness of the hour and someone vendor giving free beer somewhere else
- We'll talk later in this meeting about what else we might do with G4NAMU
 - Provide workshops or tutorial
 - Develop additional Geant4 examples
 - Launch major collaborative projects
 - Collaborate on testing and validation projects
 - Certify physics lists or other shared code
- G4NAMU is your organization