**School of Informatics and Computing Research for I399**

Instructor Geoffrey Fox gcf@indiana.edu
Initial web site <http://www.infomall.org/I399>

**Largely Informatics**

**Center for Applied Cyber security Research** (Cate, Connelly, Camp)

CACR <http://pti.iu.edu/cacr>

**Center for Security Informatics** (Wang, Myers, Gupta, Hill, Camp, Kapadia)

CSC <http://security.informatics.indiana.edu/>

**Bioinformatics** (Kim, Dalkilic, Hahn, Radivojac, Tang, Ye)

Bioinformatics Program <http://bio.informatics.indiana.edu/bio/index.php>

Center for Bioinformatics Research <http://bio.informatics.indiana.edu/cbr/>

Center for Genomics and Bioinformatics <http://cgb.indiana.edu/>

**Chemical Informatics** (Wild, Fox)

David Wild Homepage <http://sites.google.com/site/davidjwild/home>

Chemical Informatics and Cyberinfrastructure Collaboratory <http://www.chembiogrid.org>

**Health Informatics** (Shankar, Vespignani, Hakken, Connelly)

Ethical Technology in the Homes of Seniors <http://ethos.indiana.edu/>

**Music Informatics** (Raphael)

Chris Raphael’s Homepage [http://xavier.informatics.indiana.edu/~craphael/](http://xavier.informatics.indiana.edu/~craphael/music_plus_one/index.html)

**Center for Complex Networks and Systems Research** (Vespignani, Menczer, Bollen, Paolillo, Yaeger, Rocha, Todd, Flammini, Beer, Scheutz, Borner)

<http://cnets.indiana.edu> and <http://pti.iu.edu/cnets>

**Social Informatics** (Hakken, Medina, Shankar, Sebanovic, Paolillo, Camp, Ekbia)

Rob Kling Center for Social Informatics <http://rkcsi.indiana.edu/>

David Hakken’s Homepage <http://www.informatics.indiana.edu/research/profiles/dhakken.asp>

Kalpana Shankar’s Homepage <http://www.informatics.indiana.edu/shankark/>

Eden Medina’s Homepage <http://informatics.indiana.edu/edenm/>

Selma Sebanovic’s Homepage <http://www.informatics.indiana.edu/selmas>

**Human Computer Interaction Design** (Blevis, Stolterman, Bardzell, Bardzell, Siegel, Connelly)

Human-Computer Interaction Design Group <http://hcid.informatics.indiana.edu/>

**Largely Applied Computer Science**

**Cyberinfrastructure and High Performance Computing** (Fox, Lumsdaine, Plale, Gannon, Bramley, Chauhan, Schnabel)

Community Grids Laboratory <http://pti.iu.edu/cgl>

Extreme Computing Laboratory <http://www.extreme.indiana.edu/>

Open Systems Laboratory <http://pti.iu.edu/osl>

Data to Insight Center <http://pti.iu.edu/d2i>

Digital Science Center <http://pti.iu.edu/dsc>

**Data, Databases and Search** (Menczer, Shankar, Rocha, Leake, Stolterman, Groth, Plale, Van Gucht, Wu, Brown, Dalkilic, Gannon, Gupta, Kim, Leake)

Center for Data and Search Informatics <http://www.dataandsearch.org/dsi/>

Indiana University Database Group <http://www.cs.indiana.edu/database/DBLab.html>

**Ubiquitous Computing** (Hill, Connelly, Fox)

**Robotics** (Beer, Hauser, Scheutz, Sebanovic, Johnson, Mills)

Human-Robot Interaction Laboratory <http://hri.cogs.indiana.edu/>

Brain-Body-Environment Systems IGERT <http://igert.cogs.indiana.edu/research.html> Kris Hauser Homepage <http://www.cs.indiana.edu/~hauserk/research.html>

**Visualization and Computer Graphics** (Groth, Hanson, Wernert, Borner)

Advanced Visualization Lab <http://www.avl.indiana.edu/>

Information Visualization Laboratory <http://ivl.slis.indiana.edu/>

Cyberinfrastructure for Network Science Center <http://cns.slis.indiana.edu/>

**Largely Core Computer Science**

**Computer Architecture** (Brown, Johnson, Mills)

Hardware Methods Group <http://www.cs.indiana.edu/hmg/>

**Computer Networking** (Gupta, Kapadia, Plale)

Network Research Group <http://www.cs.indiana.edu/nrg/>

**Programming Languages and Compilers (**Wise, Rawlins, Dybvig, Ahmed, Friedman, Johnson, Lumsdaine, Sabry, Haynes, Chauhan)

IU Programming Languages Research <http://www.cs.indiana.edu/proglang/proglang.html>

KnownSpace Helium Project <http://www.knownspace.org/>

Programming with High-level Languages and Interfaces <http://phi.cs.indiana.edu/>

**Artificial Intelligence, Artificial Life and Cognitive Science** (Leake, Hofstadter, Gasser, Yaeger, Rocha, Menczer, Todd, Beer, Scheutz, Hauser, Hanson, Yu)

Grounding Lab <http://www.cs.indiana.edu/~gasser/gl.html>

Networks & agents Network <http://cnets.indiana.edu/groups/nan>

David Leake Home Page <http://www.cs.indiana.edu/~leake/>

Cognitive Science Program <http://www.cogs.indiana.edu/>

Center for Research on Concepts and Cognition <http://www.cogsci.indiana.edu/>

Artificial Life at Indiana University <http://www.informatics.indiana.edu/alife/>

**Computation Theory and Logic** (Myers, Van Gucht, Leivant, Purdom, Haghverdi, Dunn, Sabry)

Foundations of Computing Group <http://www.cs.indiana.edu/foundations/foc/>

IU Logic Program <http://www.indiana.edu/~iulg/>

**Quantum Computing** (Sabry, Dunn, Ortiz)