An Excellent Addition to Your Library!

Released: July 2010

Grid Technologies for E-Health: Applications for Telemedicine Services and Delivery

PREMIER REFERENCE SOURCE

Grid Technologies for E-Health

Applications for Telemedicine Services and Delivery



Ekaterina (Eka) Khliashvili

ISBN: 9781616920104; © 2011; 290 pp.
Print: U\$ \$245.00 | Perpetual: U\$ \$365.00 | Print + Perpetual: U\$ \$490.00

Ekaterina Kldiashvili (Georgia Telemedicine Union, Georgia)

Grid computing has emerged as an important new field, distinguished from conventional distributed computing by its focus on large-scale resource sharing and innovative applications as well as an establishment for the creation of e-health networks.

Grid Technologies for E-Health: Applications for Telemedicine Services and Delivery examines innovations to further improve medical management using grid computing. A defining collection of field advancements, this publication discusses the significance of automation and IT resources in healthcare technology previously infeasible due to computing and data-integration constraints.

Topics Covered:

- Health care grid services
- · Diagnostic pathology
- Grid technology in telepathology
- Gridifying neuroscientific pipelines
- Computational grids

- · Wireless sensor networks
- · Teleradiology grids
- Tele-audiology
- Virtual organization technology for e-health
- E-learning in telemedicine

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Ekaterina Kldiashvili, Ph.D. holds a MSc in Biology (1995) and Ph.D. in Histology, Cytology and Embryology (2003) from the Tbilisi State University. Ekaterina works as Executive Director in Georgian Telemedicine Union (Association), Head of Lab and Telemedicine Group in Medical Center "Neoclinic", managing NATO Networking Infrastructure Project (2005-2006, 2007-2009), BSEC tender (2005-2006), telemedicine pilot actions, whole activity of GTU and also creation of eHealth network in Georgia. Prior to joining GTU Ekaterina worked at department of Pathology of Central Clinic of Tbilisi State Medical University, establishing and leading the electron microscopy laboratory. She was trained in cytological diagnosis of malignant tumors at department of Oncology of the Tbilisi State Medical Academy. Ekaterina also acted as Clinical Cytologist at department of pathology of Central Clinic of Tbilisi State Medical University and Virologist at Republic Center of AIDS and Clinical Immunology. She participated as researcher in Neuroscience project funded by Soros foundation. Ekaterina Kldiashvili represented GTU's activity and pilot actions at Med-e-Tel (2004, 2005, 2006, 2008).



##