The International Research Society of Spinal Deformities (IRSSD) promotes a multidisciplinary approach to scoliosis and spinal problems, with a strong emphasis on research in the field of etiology, as well as the clinical effectiveness of a wide range of interventions. The society has been active in one form or another for three decades, encouraging open discussion in all areas related to spinal deformities.

This book presents the proceedings of the 9th biennial IRSSD meeting, held in Poznan, Poland, in July 2012. It includes peer-reviewed short papers or abstracts summarizing the 129 papers and posters included in the program, and covers all aspects of spinal deformity research, including etiology, genetics, biology, growth, metabolism, biomechanics, imaging technologies, innovations in treatment and treatment outcomes.

This current overview of topics related to spinal deformities provides the opportunity for readers to learn more about the latest developments in this field, and it contributes to the advancement of study and research into spinal deformities for the benefit of patients.
Health Informatics: Building a Healthcare Future Through Trusted Information
Selected Papers from the 20th Australian National Health Informatics Conference (HIC 2012)

Volume 178 of Studies in Health Technology and Informatics
Editors: Maeder, A.J., Martin-Sanchez, F.J.
July 2012, Approx. 276 pp., hardcover
Price: US$174 / €120

The theme of the conference covered in this book is ‘Building a Healthcare Future Through Trusted Information’, and emphasizes the importance of assuring the integrity and security of health data and communications. This book will be of interest to clinicians, researchers, industry innovators and all those who share the desire to deliver better healthcare to all.

HealthGrid Applications and Technologies Meet Science Gateways for Life Sciences

Volume 175 of Studies in Health Technology and Informatics
May 2012, 232 pp., hardcover
ISBN 978-1-61499-053-6 (print) / 978-1-61499-054-3 (online)
Price: US$152 / €105

This book presents the joint proceedings of the Tenth HealthGrid Conference and the Fourth International Workshop on Science Gateways for Life Sciences (IWSG-Life), held in Amsterdam, the Netherlands in May 2012. This book will provide insights and new perspectives for all those involved in the research and use of infrastructures and technology for healthcare and life sciences.

Large Scale Projects in eHealth
Partnership in Modernization

Volume 174 of Studies in Health Technology and Informatics
Editors: Blobel, B., Engelbrecht, R., Shifrin, M.A.
April 2012, 152 pp., hardcover
ISBN 978-1-61499-051-2 (print) / 978-1-61499-052-9 (online)
Price: US$145 / €100

This book presents the proceedings of the EFMI STC 2012, held in Moscow, Russia, in April 2012. Large Scale Projects in eHealth provides insight into the use of information and communication technology in different countries and is designed to have a high relevance in practice and further research.
This book presents the proceedings of pHealth 2012 and includes keynotes, invited speeches and selected submitted contributions. It will be of interest to all those involved with the provision of health and welfare services, and also to companies engaged in the development of micro and nano technologies.

This book provides information on sample preparation, data acquisition and data interpretation that would be particularly valuable for new users of these techniques including established scientists and graduate students in both academia and industry.

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