

15:00–16:00 **Netzwerksitzung VI • Special session on model-based therapy**
 Raum Foyer
 Vorsitz T. Neumuth, S. Oeltze-Jafra (Leipzig)

15:00–15:12 Model-based therapy
 NW 18 T. Neumuth (Leipzig)

15:12–15:24 Therapy decision support system using Bayesian networks
 NW 19 M. A. Cypko (Leipzig)

15:24–15:36 Framework for context-aware assistance in integrated operating rooms
 NW 20 S. Franke, M. Rockstroh, T. Neumuth (Leipzig)

15:36–15:48 Visualization for model-based therapy decision support
 NW 21 S. Oeltze-Jafra (Leipzig)

15:48–16:00 Optimizing procedures – value added services based on OR integration
 NW 22 M. Rockstroh, S. Franke, T. Neumuth (Leipzig)

15:00–16:00 **Netzwerksitzung VII • Theranostische Implantate**
 Raum Foyer
 Vorsitz K.-P. Hoffmann (Sulzbach, St. Ingbert), R. Ruff (Sulzbach)

15:00–15:10 Smart hip prosthesis – an overview
 NW 23 F. Deicke (Dresden)

15:10–15:20 Overview on an implantable multi sensor system for cardiovascular monitoring
 NW 24 M. Görtz, A. Grabmaier (Duisburg), M. Wiemer (Chemnitz)
 J. Storsberg (Potsdam), C. Duschl (Potsdam)
 G. Vom Bögel (Duisburg)

15:20–15:30 Controlling of a hand prosthesis using epimysial signals and peripheral nerve stimulation
 NW 25 K.-P. Hoffmann (Sulzbach, St. Ingbert)