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Circulatory equilibrium	ThD12.3
Clinical applications of biological networks	WeP11.7 , FrA13.4 , SaA13.1
Clinical biomarker discovery	FrB13.3 , SaA13.1
Clinical engineering	TuP10.2 , TuP10.4 , TuP10.7 , TuP10.8 , TuP11.1 , TuP11.3 , TuP11.9 , TuP11.10 , TuP11.11 , TuP12.4 , TuA10.1 , TuA10.3 , TuA10.4 , TuA10.5 , WeA16.5 , WeP17.3 , WeP18.3 , WeP18.6 , WeP111.1 , WeP111.7 , WeP111.8 , WeP111.13 , WeP111.14 , WeB16.2 , ThA16.4 , FrA16.2
Clinical laboratory, assay and pathology technologies	TuP10.6 , TuP11.3 , WeP17.4 , SaD16.6
Clinical neurophysiology	WeP25.1 , WeP25.6 , WeP25.8 , WeP25.16
Clinical neurophysiology – Anesthesia	WeP25.2 , ThB03.5 , ThD01.3
Clinical neurophysiology – EEG	WeP25.2 , WeP25.12 , WeP25.15 , ThA03.4 , ThA03.5 , ThA05.5 , ThB02.4 , ThB03.3 , ThB03.4 , ThB03.5 , SaB09.1 , SaB09.2 , SaB09.3 , SaB09.6 , SaD09.1
Clinical neurophysiology – Evoked potentials	WeP25.7 , WeP25.8 , WeP25.9 , WeP25.10 , WeP25.15 , ThA03.4 , ThA03.5
Clinical neurophysiology – Transcranial magnetic stimulation	WeP25.3 , WeP25.4 , WeP25.5 , WeP25.6
Clinical robots	WeP26.4 , WeP26.7 , WeP28.8 , FrB02.1
Clinical testing/clinical trials	FrB17.4 , FrD17.5
Clinical trials	TuP11.11 , WeA16.1 , WeP17.2 , WeP18.6 , WeP111.16 , WeB16.2 , WeD16.1 , WeD16.3
Clinical workflow analysis	WeP18.3 , WeP111.10
Closed loop systems in physiological systems	WeA19.2 , ThA20.5 , ThB21.4 , ThD23.6 , SaD21.1 , SaD21.4
Cochlear implant	WeP19.1
Coherence in biomedical signal processing	WeB19.1 , WeC21.3 , ThC23.4 , FrP13.3 , FrP13.5 , FrB22.3 , FrP23.13
Combination products	ThB15.3
Comparative effectiveness	FrD16.5
Comparative effectiveness research	TuP04.4 , TuP04.13 , WeA13.6 , ThB13.5 , ThC13.6
Compartmental models	WeP14.1 , ThA12.4 , ThA12.6

Complexity in cardiovascular or cardiorespiratory signals	TuP07.6, WeP13.6, WeP14.1, WeP24.3, WeP24.9, WeP24.12, FrB11.6, FrB12.1, SaA11.5
Computer-aided decision making	TuP04.1, WeA24.1, WeA24.2, WeA24.3, WeP110.2, WeB25.6, WeC24.5, WeC25.3, WeP29.19, ThB11.1, ThB11.2, ThB11.3, ThB11.4, FrP16.2, FrP16.3, FrP16.4, FrP17.8, FrP17.12, FrP22.6, FrP29.2, FrP29.3, FrP29.4, FrP29.5, FrP29.6, SaB11.5, SaP29.4, SaD10.1, SaD10.5, SaD10.6
Computerized maintenance management systems	TuP11.11
Confocal Microscopy	FrC24.2, FrD23.4, SaB23.1, SaB23.2
Connectivity measurements	WeB19.2, WeB19.3, WeB19.5, WeB19.6, ThB21.5, ThD22.4, FrP13.1, FrP13.3, FrP13.4, FrP13.6, FrC20.5, FrC21.2, FrC21.4, SaP25.6
Contrast-enhanced dynamic MRI	TuA16.1, ThP14.2, ThP14.3, ThP14.7, ThC25.1, FrD17.2, SaA24.2, SaA24.5
Contrast-enhanced X-ray imaging	ThB24.4, FrP25.3, FrP25.4, SaB24.5, SaD24.2, SaD24.5
Coronary blood flow measurement	TuP06.9
Cryo-ablation	SaA16.4

D

Data mining	WeA23.3, WeA24.6, WeA25.1, WeB23.4, WeB24.4, WeC24.6, ThB11.2, ThB11.4, ThB11.5, FrP29.1, FrP29.2, FrP29.7, SaA10.1, SaB11.3, SaD10.1, SaD10.2, SaD10.4, SaD10.5, SaD10.6
Data mining in biosignals	WeA19.5, WeA20.2, WeA20.3, WeA20.6, WeC20.5, ThA20.2, ThP13.7, ThB22.4, ThC23.1, ThC23.3, ThC23.4, ThP21.2, ThP21.6, ThP21.15, ThP22.2, ThD21.1, ThD21.2, ThD21.3, ThD21.5, ThD21.6, ThD23.4, FrP11.4, FrP22.4, FrD13.1, FrD13.2, FrD20.6, SaA21.3, SaA22.2, SaP12.3, SaP12.4, SaP14.4, SaP21.3, SaP23.1
Decision support methods and systems	TuP04.1, WeA23.2, WeA23.3, WeA24.5, WeA24.6, WeA25.1, WeA25.4, WeA25.5, WeP29.7, WeP29.15, ThA10.2, ThB10.1, ThB11.1, ThB11.2, ThB11.4, ThB11.5, ThB11.6, FrP22.6, FrP29.1, FrP29.3, FrP29.4, FrP29.5, FrP29.6, FrP29.7, SaD10.2, SaD10.3, SaD10.4, SaD10.5, SaD10.6
Deep Brain Stimulation	WeA05.1, WeA05.2, WeA05.3, WeA05.4, WeA05.5, WeA05.6, ThP18.7, SaA09.1, SaA09.2, SaA09.6, SaP18.7, SaB09.4
Deep Brain Stimulation – Closed-loop control	ThB03.2, ThD02.6, SaA09.3, SaA09.4, SaA09.5
Defibrillation and cardioversion	TuP07.4, TuP07.7, TuP07.11
Deformable image registration	ThA25.2, FrA24.1, FrA24.2, FrA24.3, FrA24.4, FrA24.5, FrA24.6, FrP14.29, FrC24.2, SaA23.1, SaA24.1, SaP24.5, SaP24.11, SaP24.15, SaP24.16, SaP24.18, SaP24.19, SaP24.21, SaP24.23, SaP24.27, SaP24.30, SaD25.5

Design and development	ThP210.1 , ThP210.2 , ThP210.3 , FrA17.1 , FrA17.2 , SaB10.2 , SaB10.3 , SaB10.4
Design and development of robots for human-robot interaction	WeB01.4 , WeC01.3 , ThC02.1 , FrA01.2 , FrA01.3 , FrB01.6 , SaP112.4 , SaP27.4
Design controls	TuP10.2 , TuP11.9 , TuP12.5 , WeB16.4 , WeB16.5 , SaB16.4 , SaD16.1
Deterministic chaos in biomedical signal analysis	ThA21.1 , ThP12.3 , ThP12.4 , ThB21.6 , SaP13.2
Device alarm, alert, and communication systems	TuP11.2 , TuP11.4 , FrA16.2
Dielectrophoretic cell trapping and patterning	SaD19.2 , SaD20.3
Diffuse Optical Tomography	FrP24.1 , SaD23.1 , SaD23.2
Diffusion-tensor and diffusion-spectrum imaging	ThP14.4 , ThC25.6 , FrP14.5 , SaA24.5 , SaB25.4 , SaD23.6
Directionality	FrP13.2 , FrP13.6 , FrC21.2 , FrC21.3 , FrC21.4 , SaP13.3
Doppler ultrasonic imaging	SaP15.3
Drug delivery	ThB15.1 , ThB15.2 , ThB15.3 , ThB15.6 , SaD15.4 , SaD15.5
Drug design and high-throughput screening	WeP12.1 , ThB13.3 , ThB13.5
Drug design and high-throughput screening in cancer prevention	ThB13.3
Dual photon microscopy	FrP24.16
Dual-energy X-ray imaging	SaD24.6
Dynamics in musculoskeletal biomechanics	WeA01.5 , SaP112.3 , SaP115.1 , SaB27.1 , SaB27.5 , SaP27.5 , SaD02.6

E

EC coupling	FrA11.1 , FrA11.2
EEG imaging	ThP23.1 , ThP23.2 , ThP23.5 , ThP23.7 , SaA25.1 , SaA25.2 , SaA25.3
eHealth	WeA23.2 , WeA25.5 , WeP110.3 , WeB23.2 , WeB24.3 , WeB25.5 , WeP29.14 , WeP29.17 , ThA10.4 , ThA17.3 , ThB11.6 , ThC10.3 , FrP16.9 , FrP16.11 , FrP16.13 , FrP16.14 , FrP16.15 , FrP17.9 , SaP29.8
Elastography imaging	TuA17.3 , SaP15.4 , SaP24.33 , SaD25.3 , SaD25.5 , SaD25.6
Electrical fields at the cell and protein scale	TuP09.1
Electrical fields in tissue repair and regeneration	TuP09.2 , ThA15.1 , ThC15.3

Electrical impedance imaging techniques	ThP23.3 , ThP23.4 , SaA25.4 , SaA25.5 , SaA25.6
Electrical Source Brain Imaging	ThP23.2 , ThP23.5 , ThP23.6 , ThP23.7 , SaA25.1 , SaA25.2 , SaA25.3
Electrical source imaging techniques	ThP23.8 , ThP24.4 , FrA25.2 , SaA25.1 , SaA25.2 , SaA25.3
Electronic health records	ThA10.4 , FrP16.13 , SaP29.2 , SaD10.1
Electroporation and its applications	TuP09.3
Emerging IT for efficient/low-cost healthcare delivery	WeA25.3 , WeA25.4 , WeB23.3 , WeC25.5 , WeP29.7 , WeP29.16 , ThA17.1 , ThB10.4 , ThC10.4 , FrP16.14 , SaA10.2 , SaA10.3 , SaA10.4 , SaA10.6 , SaP29.7 , SaP29.8
Empirical mode decomposition in biosignal analysis	WeA21.1 , WeA21.2 , WeA21.3 , WeA21.4 , WeA22.6 , WeP26.5 , ThP21.6 , ThD21.3 , FrA22.5 , FrP12.8 , FrC20.5 , FrP22.7 , FrD22.1 , SaP11.9 , SaP11.10 , SaP22.6
Endoscopic devices	TuP10.10 , ThA16.2 , FrB16.5 , SaP111.4 , SaD16.1 , SaD16.2
Entrepreneurship	FrD17.4 , SaB10.1
Epidemiology and new technologies	SaA10.5
Ethics	ThC17.4
Evolution of biological networks	ThC13.1

F

Fluorescence microscopy	FrA23.6 , FrP14.9 , FrC24.3 , FrC24.5 , FrC25.4 , FrD23.1 , SaB23.1 , SaB23.2 , SaP24.29
FNIR and near-infrared scanning and assessment	TuP12.1 , WeP17.4 , WeP111.12
Functional image analysis	ThP14.1 , FrA23.1 , FrA24.4 , FrP14.2 , FrP14.3 , FrP14.4 , FrP14.5 , FrP14.6 , FrP14.7 , FrP24.15 , SaA24.1 , SaA24.6 , SaP24.19 , SaD24.3
Fuzzy approaches to signal pattern classification	WeA22.4 , SaB22.2 , SaP21.2 , SaP21.12

G

Gas transport models	WeP14.1
Genetic algorithms in signal pattern classification	ThD21.6 , SaA21.2 , SaP11.1 , SaP12.4 , SaB21.1

H

Haptic interfaces	WeB01.5 , WeC01.3 , WeP26.2 , WeP28.6 , ThC01.1 , ThC01.2 , ThC01.3 , ThC01.5 , ThC01.6 , FrA01.1 , SaA27.1 , SaP115.4 , SaD27.3
Haptics in robotic surgery	WeP28.4 , ThC01.1 , ThC01.4 , ThC01.5 , ThC01.6 , FrA02.1 , SaA02.3 , SaA02.6
Hardware and control developments in rehabilitation robotics	WeA01.3 , WeB01.3 , WeB01.6 , WeC01.1 , WeC01.2 , WeC01.3 , WeC01.4 , WeC01.6 , WeP26.1 , WeP26.2 , ThP29.25 , FrB01.2 , SaB01.3 , SaP26.1 , SaP27.6 , SaP28.2 , SaD27.1 , SaD27.3
Health information networks and architectures	WeB24.2 , ThA10.1 , ThA10.3 , ThB10.3 , FrP16.12 , FrP17.14 , SaP29.1 , SaP29.3 , SaP29.6 , SaP29.7 , SaP29.8
Health information system integration	TuP04.1 , ThA10.2 , ThA10.3 , FrP16.14 , FrP16.15 , FrP29.4 , SaP29.2 , SaP29.3 , SaP29.4
Health information system interoperability	WeP110.1 , ThA10.3 , FrP17.4 , FrP17.14 , SaP29.2 , SaP29.4
Health technology management	TuP10.2 , TuP10.7 , WeP19.4 , WeP111.7 , WeP111.8 , FrA16.6
Heart and circulatory support devices	TuP10.9 , TuP10.11 , WeP111.9 , ThA16.3 , ThA16.4 , SaB16.3 , SaD16.4
Heart rate variability	WeA11.1 , WeA11.2 , WeP24.1 , WeP24.2 , WeP24.3 , WeP24.4 , WeP24.6 , WeP24.11 , FrA12.3 , FrB11.3
Hemodynamics	TuP06.1 , TuP06.2 , TuP06.3 , TuP06.4 , TuP06.5 , TuP06.10 , WeP15.2 , WeB11.1 , WeB11.4 , ThA12.4 , ThA12.6 , ThD11.1 , ThD11.4 , ThD12.1 , ThD12.4 , FrD12.1 , FrD12.2 , FrD12.4 , SaA11.4
HIFU	WeP111.15 , FrB16.2 , FrB16.6
High-frequency ultrasound technology	ThP24.1 , SaP15.4 , SaP24.10 , SaD25.1 , SaD25.2 , SaD25.3 , SaD25.4
Home robots	WeP26.1 , SaP112.4 , SaB01.1
HRV and blood pressure monitoring	TuP07.13 , WeA11.1 , WeP24.4 , WeP24.9 , WeP24.12 , WeP24.14 , FrB11.5 , FrB11.6
HRV and respiratory variability in sleep apnea	ThB12.2 , SaD12.3 , SaD12.4
Human factors	WeP18.1 , WeP18.3 , WeB16.1 , WeB16.2 , FrD16.4
Human machine interfaces and robotics applications	WeA02.5 , WeC02.5 , WeP28.6 , ThC01.2 , ThC02.1 , ThC02.3 , FrA01.1 , FrA01.3 , FrA01.4 , FrA01.5 , FrA01.6 , FrA02.4 , FrB01.5 , FrB01.6 , FrB02.6 , SaP111.5 , SaB01.1
Human performance	WeB05.6 , WeC05.2 , WeC05.3 , WeC05.4 , ThA03.6 , ThA05.3 , ThB02.1 , ThB02.2 , FrP15.11 , FrC03.1 , FrP28.12 , FrP28.29 , SaA08.5 , SaP16.3 , SaP110.9

Human performance – Activities of daily living	WeP25.13, ThA07.4, ThB02.1, ThB02.2, ThC03.1, ThC03.2, ThC03.5, ThC05.3, ThP29.3, FrP15.3, FrP15.8, FrP15.10, FrC07.6, SaP110.1, SaP110.2, SaP110.5, SaP25.3
Human performance – Attention and vigilance	FrP28.9, FrP28.26
Human performance – Cognition	ThB02.3, FrA05.4, SaP110.8
Human performance – Engineering	WeB05.6, WeC05.4, ThB02.1, ThC03.1, SaA08.3, SaP110.4, SaP110.5
Human performance – Ergonomics and human factors	WeC05.3, SaP110.2, SaP110.4
Human performance – Fatigue	ThB02.4, ThB02.5
Human performance – Gait	WeC05.1, WeC05.2, ThB02.2, ThB02.6, FrB07.1, FrB07.4, FrB07.6, FrC05.3, FrC07.2, FrC07.5
Human performance – Modelling and prediction	WeC05.3, WeP25.18, ThA01.4, ThA07.6, ThC03.6, FrB05.3, SaA08.1, SaP110.2, SaP110.5, SaP110.7, SaD01.4
Human performance – Oculomotor	WeC05.5, ThB02.5, SaP25.4
Human performance – Sensory-motor	WeP16.5, WeC05.6, ThA07.6, ThP29.9, ThP29.17, ThD01.5, SaP110.6, SaP110.7, SaP110.9, SaD01.2, SaD01.3, SaD01.4, SaD01.5
Human performance – Sleep	WeC05.4
Human performance – Speech	FrP28.5
Human performance – Vestibular functions	WeB05.3, WeB05.6, ThA01.2, ThA01.3, ThA01.4, ThC05.3, ThP29.17, FrP15.5
Hybrid biomaterials for engineered vascular tissue	ThA15.4, ThA15.5

Image classification	ThB23.6, ThB24.5, ThB25.4, ThB25.6, ThD25.1, ThD25.2, ThD25.3, ThD25.4, ThD25.5, ThD25.6, FrP14.8, FrP14.9, FrP14.10, FrP14.11, FrP14.12, FrP14.14, FrP14.16, FrP14.17, FrP14.19, FrP14.21, FrP14.22, FrP14.23, FrP14.24, FrP14.25, FrP14.26, FrP14.31, FrP14.33, FrC23.2, FrC25.1, FrC25.2, FrC25.4, FrC25.5, FrC25.6, FrP24.6, FrP24.16, FrP25.6, FrP26.2, FrP26.3, FrD23.2, FrD23.6, FrD24.2, FrD24.3, FrD24.6, FrD25.1, FrD25.3, SaA23.1, SaA23.3, SaP15.1, SaB23.3, SaB23.4, SaB24.2, SaB25.3, SaP24.3
Image communication	SaP24.31
Image compression	ThP23.3, ThP24.2, FrA23.3, FrB24.5, FrD24.3
Image denoising	ThP24.1, ThP24.5, FrA23.1, FrA23.2, FrA23.4, FrA23.6, FrP14.11, FrP14.24, SaD24.6

Image Enhancement	TuA16.2, ThP24.3, FrA23.2, FrA23.5, FrB24.2, SaA24.3, SaP15.5, SaB24.2, SaP24.6, SaP24.10, SaD24.5, SaD24.6
Image feature extraction	TuP12.6, ThA24.1, ThA25.1, ThA25.5, ThA25.6, ThB23.5, ThB23.6, ThB24.1, ThB25.1, ThB25.2, ThB25.3, ThB25.5, ThB25.6, ThP25.3, ThP25.5, ThD24.1, ThD24.4, ThD25.1, ThD25.4, ThD25.6, FrA25.1, FrP14.2, FrP14.8, FrP14.9, FrP14.10, FrP14.11, FrP14.12, FrP14.13, FrP14.15, FrP14.16, FrP14.17, FrP14.18, FrP14.20, FrP14.21, FrP14.22, FrP14.24, FrP14.25, FrP14.26, FrP14.27, FrP14.28, FrP14.29, FrP14.31, FrP14.32, FrP14.33, FrP14.35, FrB23.2, FrB23.6, FrB24.6, FrC25.2, FrC25.3, FrC25.5, FrP25.4, FrP25.6, FrP25.8, FrP25.9, FrP26.3, FrP26.4, FrP27.1, FrP27.4, FrD23.1, FrD23.2, FrD23.3, FrD23.4, FrD23.5, FrD23.6, FrD24.1, FrD24.2, FrD24.3, FrD24.4, FrD24.5, FrD24.6, FrD25.3, SaA23.3, SaB23.4, SaB23.5, SaB25.1, SaB25.2, SaB25.5, SaB25.6, SaP24.8, SaP24.13, SaP24.20, SaP24.22, SaP24.28
Image filtering	ThA23.2, ThB25.1, ThP24.2, ThP25.1, FrA23.2, FrA23.3, FrA23.4, FrA23.5, FrP14.15, FrB23.5, SaB24.3, SaP24.6, SaP24.13
Image guided surgery	WeP27.1, WeP27.2, WeP27.3, WeP27.4, WeP27.5, WeP27.6, WeP28.2, WeP28.3, WeP28.6, WeP28.7, WeP28.8, ThC01.4, FrB02.1, FrB02.6, SaA01.6, SaA02.1, SaA02.2
Image reconstruction – fast algorithms	ThP24.2, ThP24.4, FrA23.6, FrP14.27, FrB24.3, FrB24.4, FrP25.5, SaD23.1
Image reconstruction – performance evaluation	ThC25.4, ThP24.6, ThP24.7, ThP24.8, FrA23.5, FrA25.3, FrB24.4, FrB24.5, SaA25.6, SaD24.1, SaD24.4
Image retrieval	ThP24.6, ThP24.7, ThD24.3, ThD24.4, SaA24.6
Image security and forensics	ThP25.6, ThD24.5, ThD24.6, SaP24.24, SaP24.25
Image segmentation	TuA17.4, TuA17.5, ThA23.3, ThA23.6, ThA25.1, ThA25.4, ThA25.5, ThP14.10, ThB24.1, ThB24.2, ThB24.3, ThB24.4, ThB24.5, ThB24.6, ThB25.3, ThB25.4, ThB25.5, ThP24.3, ThP24.5, ThP25.1, ThD24.1, ThD25.1, FrA24.5, FrP14.1, FrP14.2, FrP14.8, FrP14.18, FrP14.20, FrP14.21, FrP14.26, FrP14.27, FrP14.28, FrP14.30, FrP14.32, FrP14.34, FrB23.1, FrB23.2, FrB23.3, FrB23.4, FrB23.5, FrB23.6, FrC23.1, FrC23.2, FrC25.1, FrC25.2, FrC25.3, FrC25.4, FrC25.5, FrC25.6, FrP24.6, FrP24.10, FrP25.2, FrP25.10, FrP26.1, FrP26.4, FrP27.5, FrD23.1, FrD23.3, FrD23.4, FrD23.5, FrD23.6, FrD24.1, FrD24.4, FrD25.1, FrD25.2, SaA23.1, SaA23.2, SaP12.11, SaP15.2, SaP15.8, SaP15.9, SaB23.1, SaB23.2, SaB23.3, SaB24.3, SaB25.3, SaB25.5, SaP24.1, SaP24.2, SaP24.3, SaP24.4, SaP24.5, SaP24.6, SaP24.7, SaP24.8, SaP24.9, SaP24.10, SaP24.11, SaP24.14, SaP24.17, SaP24.20, SaP24.21, SaP24.22, SaP24.28, SaP24.29, SaP24.32, SaP24.33, SaD24.2, SaD24.3, SaD24.4
Image visualization	ThP14.7, ThP24.6, ThP24.7, ThD24.1, FrA23.3, FrP14.20, FrP24.7, FrP24.8, FrP24.14, FrP27.3, FrD24.4, SaA23.2, SaP12.11, SaP24.7, SaP24.12, SaP24.13, SaP24.14, SaP24.31, SaP24.32, SaD24.2

Image-less navigation in computer assisted surgery	WeP28.3, FrB02.2, SaP111.1
Implantable sensors	TuA14.3, WeP21.4, ThP15.2, ThP15.4, ThP16.1, ThP16.5, ThP16.9, ThP16.11, FrA19.1, FrB19.1, FrB19.3, SaB19.4
Implantable systems	WeP21.2, WeP21.6, ThP15.1, ThP15.3, ThP15.4, ThP15.5, ThP15.6, ThP16.1, ThP16.2, ThP16.3, ThP16.4, ThP16.5, ThP16.6, ThP16.7, ThP16.8, ThP16.9, ThP16.10, ThP27.1, FrB19.2, FrB19.5, FrB19.6, SaB19.1, SaB19.2, SaB19.3, SaB19.5, SaB19.6
Implantable technologies	ThP15.2, ThP15.3, ThP15.5, ThP15.6, ThP16.1, ThP16.3, ThP16.5, ThP16.6, ThP16.8, ThP16.9, ThP16.10, ThP27.1, ThP27.3, SaB19.1, SaB19.5, SaB19.6
Implanted insulin pump	TuP11.12
Implanted pacemaker	TuP10.9, TuP11.13
Independent component analysis	WeA20.4, WeA22.6, WeB19.3, ThA20.3, ThA22.3, ThP22.11, ThD22.1, ThD22.2, ThD22.3, ThD22.4, ThD22.5, ThD22.6, FrP23.11, FrD20.4, SaP13.2, SaP14.3, SaP14.5
Infra-red imaging	TuP12.6, FrA25.1, FrA25.2, FrP27.1, FrP27.2
Innovation	ThP210.3, FrD17.4, SaB10.1, SaB10.2, SaB10.3
Instruction and learning	ThC17.3, ThC17.4, ThC17.5, ThP210.4, FrD17.1, FrD17.3, FrD17.4
Integration of flexible materials with textiles	ThB19.1, SaA19.2, SaD17.2
Intensive care unit	WeP24.5, ThA12.4, FrB11.3, FrB11.4, SaD12.1, SaD12.4
Interoperability	TuA10.3
Interstitial thermal therapy	TuP10.8, TuP12.2, FrB16.3, FrB16.5
Interventional MRI	SaA23.3, SaA24.2
Intra-operative matching in computer assisted surgery	WeP28.3, FrB02.4, SaA01.6
Intregrated sensor systems	TuP01.3, TuP01.8, TuA14.2, WeP22.3, ThP15.1, ThP15.4, ThP17.1, ThC19.3, ThC20.5, ThP26.8, FrA20.2, FrB20.2, SaD17.2, SaD17.3
Inverse problems in biology	TuP05.13, WeA13.4, WeB13.1, WeB13.2, WeB13.4, ThC13.5, ThD13.5, SaB13.1
Inverse problems in cardiac electrophysiology	TuP07.3, TuP07.11, WeC11.2, WeC11.3, WeC11.4
Iterative image reconstruction	ThP14.14, FrB24.2, FrB24.4, FrB24.5

J

Joint biomechanics [WeA02.6](#), [WeB02.3](#), [FrC01.3](#), [SaB27.4](#), [SaP26.3](#), [SaP28.1](#), [SaP28.2](#), [SaP28.3](#), [SaP28.4](#), [SaP28.5](#), [SaD02.3](#), [SaD27.2](#)

K

Kalman filtering [WeA19.1](#), [ThP11.8](#), [ThC21.4](#), [ThD20.2](#), [ThD20.5](#), [FrP11.7](#), [FrC21.5](#), [SaP22.5](#), [SaP22.10](#), [SaP25.6](#)

Knowledge discovery and management [WeA25.1](#), [WeP110.5](#), [WeB25.6](#), [ThA10.2](#), [FrP16.15](#), [FrP29.1](#), [FrP29.6](#), [FrP29.7](#), [SaD10.2](#)

L

Lean engineering (incl 6-sigma and statistical process control) [WeP111.1](#)

Low power, wireless sensing methods [WeP23.4](#), [ThP16.4](#), [ThP16.11](#), [ThC19.5](#), [ThP27.2](#), [ThD19.1](#), [FrB19.4](#), [FrB19.5](#), [FrB19.6](#), [FrB20.6](#), [SaA20.4](#), [SaB19.2](#), [SaB19.3](#), [SaB20.1](#)

LVAD [TuP11.6](#), [WeP111.9](#)

M

Machine learning and control in biorobotics [SaA01.1](#), [SaA01.4](#), [SaP113.1](#), [SaD02.1](#), [SaD02.2](#)

Magnetic sensors and systems [TuP02.4](#), [TuA14.6](#), [WeP21.6](#), [WeP23.2](#), [ThP26.2](#), [FrB19.1](#), [SaA20.5](#)

Management, systems, and system of systems engineering [TuA10.3](#), [WeP111.7](#)

Markov models in signal pattern classification [WeA19.1](#), [WeB20.3](#), [ThP12.1](#), [ThD20.3](#), [ThD20.4](#), [FrA22.6](#), [FrP21.6](#), [SaP22.6](#)

Mechanical sensors and systems [TuP01.4](#), [TuA14.3](#), [WeP21.6](#), [WeP23.1](#), [ThA19.4](#), [ThP17.2](#), [ThB19.5](#), [ThP26.6](#), [ThP27.4](#), [ThD19.3](#), [ThD19.6](#), [FrB19.1](#), [SaB20.4](#), [SaD20.5](#)

Mechanical stimuli and mechanotransduction [TuP08.1](#)

Mechanics of locomotion and balance [ThC02.4](#), [SaB27.1](#), [SaB27.2](#), [SaB27.3](#), [SaB27.4](#), [SaB27.5](#), [SaB27.6](#), [SaP27.5](#), [SaD02.5](#)

Medical decision making [TuP04.2](#), [TuP04.3](#), [TuP04.5](#), [TuP04.7](#), [TuP04.8](#), [TuP04.9](#), [TuP04.10](#), [TuP04.11](#), [TuP04.12](#), [TuP04.13](#), [TuP05.2](#), [TuP05.7](#), [WeA13.3](#), [WeP11.2](#), [WeP12.7](#), [ThD13.5](#), [ThD13.6](#), [FrB13.3](#)

Medical device data systems (incl wireless/wired medical device networks) [TuP11.13](#), [WeP111.3](#), [FrA16.2](#), [FrD16.2](#)

Medical device regulation	WeP111.6
Medical devices	ThA15.1 , ThB15.6
MEG imaging	FrA25.3 , FrA25.5 , SaP11.11
Micro- and nano-sensors	TuP01.7 , TuA13.4 , WeP23.1 , FrA19.1
Micro- and nano-technology	ThP14.5 , ThP17.4 , ThC20.5 , ThP28.1 , ThP28.3 , FrA19.2 , FrA19.3 , SaB17.2 , SaB17.3 , SaB19.5
Micro-biorobotics	SaA01.1 , SaA01.2 , SaA01.3 , SaA01.4 , SaA01.5
Microfabrication and nanofabrication in tissue engineering	TuP08.3 , ThA15.2 , ThA15.5 , ThB15.4 , ThC15.1 , ThC15.5 , ThC15.6
Microfluidic techniques, methods and systems	ThC20.3 , ThP28.1 , ThP28.2 , ThP28.3 , ThP28.4 , ThP28.5 , SaB17.1 , SaB17.2 , SaB20.3 , SaD19.1 , SaD19.2 , SaD19.3 , SaD19.5 , SaD19.6 , SaD20.1 , SaD20.2 , SaD20.3
Microfluidics in biological applications	TuP02.4 , ThC20.6 , ThP28.2 , ThP28.3 , SaB20.3 , SaD19.2 , SaD19.4 , SaD19.5 , SaD19.6 , SaD20.1
Micrototal analysis and lab-on-chip systems	TuP01.8 , TuA13.2 , ThC03.3 , ThC20.3 , SaB17.3 , SaD19.4 , SaD19.5 , SaD20.1 , SaD20.2
Mining clinical data	TuP04.2 , TuP04.13 , WeP11.3 , WeP12.1 , ThA13.4 , ThC13.6 , FrB13.4
Mobile and wearable technologies for elderly	WeA24.5 , WeP110.3 , WeB23.1 , WeB23.5 , WeB24.2 , WeB25.2 , WeC23.4 , WeC23.6 , WeC24.1 , WeC24.6 , WeP29.6 , WeP29.8 , WeP29.12 , WeP29.13 , WeP29.20 , ThA10.6 , ThA17.1 , FrP16.1 , FrP16.6 , FrP17.7 , SaA10.4 , SaB11.1 , SaB11.6 , SaD10.4
Mobile health	WeA24.4 , WeP110.5 , WeB23.4 , WeB23.6 , WeB24.1 , WeB24.3 , WeB24.4 , WeB24.5 , WeC24.3 , WeP29.3 , WeP29.4 , WeP29.11 , ThA10.5 , ThA11.1 , ThA17.2 , ThB10.1 , ThB10.6 , ThC10.1 , ThC10.3 , ThC10.4 , ThC10.5 , ThC10.6 , FrP16.2 , FrP16.3 , FrP16.4 , FrP16.5 , FrP16.6 , FrP16.7 , FrP16.8 , FrP16.9 , FrP16.10 , FrP16.11 , FrP17.2 , SaP29.3
Modeling and simulation in biomechanics : prosthetics	WeA01.2 , WeA01.3 , WeB02.5 , WeC02.2 , SaP115.3
Modeling and simulation in biomechanics: orthotics	WeA01.1 , WeA01.4 , WeA01.5 , WeA01.6 , SaP115.3 , SaB27.6 , SaP26.2 , SaP27.1 , SaP27.4
Modeling and simulation in biomechanics: prosthetics	WeA01.4
Modeling and simulation in musculoskeletal biomechanics	WeA01.5 , ThC02.4 , ThC02.5 , FrC01.3 , SaP112.3 , SaP115.1 , SaP115.2 , SaB27.3 , SaB27.5 , SaP27.2 , SaP27.5 , SaP28.1 , SaD02.6
Modeling in biorobotics	SaA01.4 , SaB01.4 , SaP27.3
Modeling of gene/epigene regulatory networks	TuP05.6 , WeP12.4 , WeB13.5 , ThA13.4

Models of organs, tissues, and medical devices	TuP04.3, TuP04.6, TuP05.1, TuP05.5, TuP05.9, TuP05.13, TuA07.1, TuA07.2, TuA07.3, WeA13.1, WeP11.1, WeP11.2, WeP11.3, WeP11.4, WeP11.5, WeP11.6, WeP12.5, WeB13.4, WeP21.8, ThC13.1, ThD13.1, ThD13.2, ThD13.3, ThD13.4, ThD13.5, ThD13.6, FrA13.2
Motion cancellation in surgical robotics	FrA01.4, SaA27.2
Motor learning, neural control, and neuromuscular system	ThA07.1, ThA07.6, ThB05.1, ThB05.2, ThB05.3, ThB05.4, ThB05.5, ThB05.6, ThC03.4, ThC05.4, ThP29.1, ThP29.2, ThP29.3, ThP29.4, ThP29.8, ThD01.4, ThD02.3, FrB07.4, FrC05.2, SaA08.6, SaP17.3, SaP110.7, SaD01.3, SaD01.5
Motor neuroprostheses	WeP16.4, WeP16.15, WeB03.1, ThP18.15, ThB01.4, ThP29.23, ThD03.2, ThD05.4, FrA09.3, FrB05.1, FrC03.5, FrC05.1, FrC05.2, FrC05.3, FrC05.4, FrC05.5, FrC05.6, FrP28.10, SaP16.6
Motor neuroprostheses – Epidural stimulation	FrC05.5, SaP16.1, SaP16.2
Motor neuroprostheses – Neuromuscular stimulation	WeP25.1, ThA02.1, ThP18.8, ThB01.1, ThB01.2, ThB01.3, ThB01.4, ThB01.5, ThP29.7, FrB07.1, FrC05.6, SaP16.3, SaP16.4, SaP16.5, SaP16.6
Motor neuroprostheses – Prostheses	WeP16.6, WeC05.6, ThA03.2, ThC03.5, ThP29.14, ThP29.15, ThP29.18, ThD05.1, ThD05.2, ThD05.3, ThD05.4, ThD05.5, ThD05.6, FrA09.2, FrC03.6, FrC05.6, FrP28.1, FrP28.4, SaP16.6
Motor neuroprostheses – Robotics	ThA05.4, ThB01.3, ThC05.6, ThD05.6, FrP15.8, FrC05.5, FrP28.10, SaP16.7
MR angiographic imaging	ThP14.6, ThP14.7
MR breast imaging	TuA16.3, FrA24.2, FrA24.6
MR neuroimaging	TuA17.6, ThP14.1, ThP14.8, ThP14.9, ThP14.10, ThP14.11, ThP14.15, ThC25.5, ThP23.6, ThD24.2, FrA24.1, FrA24.5, FrA25.5, FrB23.1, FrB23.4, SaA24.1, SaA24.2, SaA24.4, SaA24.5, SaB25.4, SaP24.4, SaD23.6
MRI pulse sequence	TuA16.1, TuA16.2, ThP14.6, ThC25.4, ThC25.5, FrP14.19, SaA24.4
MRI RF coil technology	TuA16.3, TuA16.4, TuA16.5, TuA16.6, ThP14.13, ThP14.14
MRI-compatible instrumentation and device management	SaD16.3
MR-specific image reconstruction	ThC25.1, ThC25.2, ThC25.4, ThC25.5, FrB24.6, SaP24.5
Multi photon imaging	ThD25.6
Multimodal image fusion	TuA17.6, ThA24.1, ThA24.4, ThP25.3, FrP24.8, FrP25.9, FrP27.3, FrP27.4, FrP27.5, SaP24.15
Multimodal imaging	ThB25.3, FrA25.2, FrA25.5, FrP27.1, FrP27.7, SaP24.27, SaD25.6
Multimodal molecular imaging	FrP24.11, FrP27.7, SaP15.7
Multiorgan involvement in apnea	SaD12.3

Multiscale analysis	TuA17.1 , ThA23.2 , ThP23.3 , ThP23.7 , ThP24.3 , FrP14.30 , FrP26.5 , FrD23.5 , SaB25.2 , SaP24.2
Multiscale biomechanics	FrC01.1 , FrC01.2 , SaP115.2 , SaP28.6 , SaD02.6
Multiscale modelling	TuP04.8 , TuP05.3 , TuA07.1 , TuA07.2 , TuA07.3 , TuA07.4 , TuA07.5 , TuA07.6 , WeA13.1 , WeA13.4 , WeP12.7 , WeB13.1 , WeB13.6 , WeP21.8 , ThC13.4 , ThD13.1 , FrA13.2 , FrA13.3
Multivariate Image Analysis	ThD25.5 , FrP14.14 , FrP14.19 , FrP14.30 , FrB24.3
Multivariate signal processing	WeA20.4 , WeA21.1 , WeA21.5 , WeB19.1 , WeB19.4 , WeB19.6 , WeB22.4 , WeC20.3 , ThA20.1 , ThA20.2 , ThA20.3 , ThA20.4 , ThA20.5 , ThA20.6 , ThA22.5 , ThP11.7 , ThB21.2 , ThP21.2 , ThP22.12 , ThD20.1 , ThD20.2 , FrP11.1 , FrP11.2 , FrP11.9 , FrB21.5 , FrB22.6 , FrC19.6 , FrC20.1 , FrC21.2 , FrP23.13 , FrD22.4 , SaA21.1 , SaA21.4 , SaA22.2 , SaA22.3 , SaP13.1 , SaP13.3 , SaP13.4 , SaP13.5 , SaP14.1 , SaB22.3 , SaD21.5
Muscle stimulation	WeP18.6 , WeP19.2 , ThB16.1 , SaB16.1 , SaB16.3

N

Nano-biorobotics	SaA01.3
Nanoparticles	FrA19.3 , FrA19.5
Near infra-red spectroscopy	FrP24.1 , FrP24.2 , FrP24.7 , SaB23.6
Network modelling	TuP04.10 , TuP05.6 , TuP05.12 , TuA07.6 , WeP11.4 , WeB13.5 , ThA13.2 , ThA13.3 , FrA13.3 , FrB13.1 , SaA13.6 , SaB13.1
Neural control of movement and robotics applications	WeB02.6 , WeC02.3 , WeC02.6 , WeP26.3 , FrB01.4 , SaA01.5 , SaP113.4 , SaP113.5 , SaB01.5 , SaD02.1 , SaD02.2
Neural engineering – Bioelectric sensors	ThP18.1 , ThP18.2 , ThP18.3 , ThP18.4 , ThP18.14 , ThP18.16 , ThD05.2 , FrA09.5 , FrC09.1 , FrC09.4 , SaB05.6
Neural Engineering – Biomaterials	WeA03.3 , ThP18.5 , ThP18.6 , ThP18.11 , FrB03.2
Neural engineering – Body interfaces	ThC03.2 , FrP15.2 , FrP28.16
Neural engineering – Brain stimulation	WeA03.6 , WeA19.6 , WeP25.3 , WeP25.4 , WeP25.5 , ThP18.1 , ThP18.7 , ThB03.2 , ThB07.5 , FrB03.5 , FrB09.1 , FrB09.2 , FrB09.3 , FrB09.4 , FrB09.5 , FrB09.6 , SaP16.1 , SaB07.2 , SaB07.3 , SaB07.5 , SaB07.6 , SaB09.5 , SaP25.1 , SaD09.4
Neural engineering – Cellular	WeP16.3

Neural Engineering – Implantable Systems	WeA03.2, WeA03.5, WeP16.3, WeP16.8, WeP16.11, WeP16.12, WeP16.14, WeP25.14, ThA01.2, ThA02.1, ThA02.2, ThA02.3, ThA02.4, ThA02.5, ThA02.6, ThP18.3, ThP18.6, ThP18.7, ThP18.8, ThP18.9, ThP18.10, ThP18.11, ThP18.12, ThP18.13, ThP18.17, ThP18.22, ThP18.23, ThP18.24, ThB01.1, ThB03.6, ThB07.4, ThB07.5, ThB07.6, ThC05.1, ThC05.5, ThP29.15, FrA09.5, FrB03.3, FrB09.3, FrC05.3, FrC09.2, FrC09.4, FrC09.5, FrP28.33, SaA07.1, SaA07.2, SaA07.4, SaA07.5, SaA07.6, SaP16.2, SaP16.4, SaP18.1, SaP19.1, SaB03.1, SaB07.2
Neural engineering – Magnetic sensors	ThA02.3, FrB07.5
Neural Engineering – Microelectrode Technology	WeA03.1, WeA03.2, WeA03.3, WeA03.4, WeA03.5, WeA03.6, WeP16.2, ThA02.5, ThP18.5, ThP18.10, ThP18.17, ThB03.6, FrA09.2, FrA09.4, FrB03.2, FrB03.4, FrB03.5, SaA05.1, SaA07.5, SaP19.7, SaB07.2
Neural Engineering – Microfabrication Technologies	WeA03.1, WeA03.2, WeP16.11, ThA02.4, ThP18.1, ThP18.5, ThP18.9, ThP18.10, ThP18.11, ThB07.2, FrA09.1, SaA07.1
Neural Engineering – Microsystems	WeA03.4, WeA03.5, ThA02.4, ThA02.5, ThP18.3, ThP18.8, ThP18.9, ThP18.12, ThP18.24, FrC09.4, FrC09.5, SaA07.4
Neural engineering – Regeneration	ThA02.3, FrA09.1, FrB03.6
Neural engineering – RF coil technology	ThP18.18, ThP18.23, FrC09.6, FrP28.18, FrP28.30
Neural engineering – Tissue-electrode interface	WeA03.6, WeP16.10, ThP18.2, ThP18.6, ThP18.13, ThP18.15, ThP18.17, ThP18.21, FrA09.1, FrB03.1, FrB03.2, FrB03.3, FrB03.4, FrB03.5, FrB03.6, FrC09.1, SaP18.1
Neural engineering – Wireless telemetric systems	WeP16.14, ThA02.2, ThP18.12, ThP18.18, ThP18.19, ThP18.23, FrA09.3, FrB07.5, FrC07.2, FrC09.5, FrC09.6, FrP28.11, FrP28.18, FrP28.30
Neural microsystems and interface engineering	WeA03.3, ThA02.2, ThA02.6, ThP18.14, ThP18.21, ThP18.22, ThP18.24, ThB03.1, FrP15.2, FrB03.4, FrB03.6, FrB09.3, SaA05.1, SaB07.6
Neural networks in biosignal processing and classification	ThA22.6, ThP13.1, ThP13.2, ThP13.3, ThP13.4, ThP13.5, ThP13.6, ThP13.7, ThP13.8, ThP13.9, ThP13.10, FrA22.2, FrP12.7, FrB21.1, FrB21.2, FrB21.3, FrB21.4, FrB21.5, FrB21.6, FrP23.1, FrP23.10, FrP23.11, FrD20.5, SaA21.5, SaP12.3, SaP23.3
Neural rehabilitation – Auditory prostheses	WeP16.1, WeP16.2
Neural rehabilitation – Sensory prostheses	WeP16.3, WeB05.1, WeB05.2, WeB05.3, WeB05.4, ThA01.1, ThA01.3, ThB07.5, ThB07.6, ThC05.1, ThC05.5, ThD01.1, ThD05.1, FrA09.3, FrA09.5, FrC09.1, SaA05.1, SaB07.1
Neural rehabilitation – Somatosensory stimulation	WeP16.4, WeP16.5, WeP16.6, WeP16.7, ThP18.2, ThB05.1, SaB07.3, SaB07.4
Neural rehabilitation – Vestibular stimulation	WeP16.8, WeB05.3, WeB05.4, WeB05.5, ThA01.1, ThA01.2, ThA01.3, ThA01.6, ThB07.2, ThB07.6, ThC05.1, ThC05.5

Neural Rehabilitation – Visual Prostheses	WeA03.1 , WeP16.9 , WeP16.10 , WeP16.11 , WeP16.12 , WeP16.13 , WeP16.14 , WeP16.15 , ThB07.4 , FrP15.11 , SaA07.1 , SaA07.2 , SaA07.3 , SaA07.4 , SaA07.5 , SaA07.6 , SaB03.1
Neural signals – Blind source separation (PCA, ICA, etc.)	ThD02.1 , FrA05.5 , FrA09.6 , FrP28.4 , FrP28.31 , SaP19.6 , SaB05.5 , SaB09.1
Neural signals – Coding	ThA03.1 , ThA03.2 , FrA05.1 , FrA07.3 , FrP28.2 , FrP28.5 , SaP19.6 , SaP19.7
Neural signals – Information theory	FrA09.4 , SaP18.4 , SaP19.8 , SaP19.9
Neural signals – Nonlinear analysis	FrP28.27 , SaP18.5 , SaB09.4
Neural stimulation (incl deep brain stimulation)	WeP19.2 , SaB16.5 , SaB16.6
Neural-robotic interfaces	WeA02.1 , SaP113.2 , SaP113.4
Neurological disorders	WeA05.1 , WeA05.2 , WeA05.3 , WeA05.4 , WeA05.5 , WeA05.6 , WeA19.6 , WeP25.11 , WeP25.12 , WeP25.18 , WeP25.20 , SaP18.2 , SaB09.2
Neurological disorders – Alzheimer’s disease	WeP25.15 , WeP25.23
Neurological disorders – Diagnostic and evaluation techniques	WeP25.13 , WeP25.17 , WeP25.18 , SaA09.6 , SaP19.4 , SaD09.2
Neurological disorders – Epilepsy	WeP25.21 , WeP25.22 , ThB03.3 , ThB03.4 , FrB03.1 , FrB09.5 , FrC09.2 , SaB07.5 , SaB09.1 , SaB09.2 , SaB09.3 , SaB09.4 , SaB09.5 , SaB09.6 , SaD09.1 , SaD09.2 , SaD09.3 , SaD09.4 , SaD09.5
Neurological disorders – Mechanisms	WeP25.16
Neurological disorders – Parkinson’s disease	WeA05.1 , WeA05.2 , WeA19.6 , WeC05.1 , WeP25.16 , FrC07.5 , SaA09.6 , SaP18.7 , SaB05.1 , SaB05.4
Neurological disorders – Stroke	WeP25.13 , WeP25.20 , ThA07.4 , ThB01.5 , ThB05.5 , ThC03.4 , FrP15.3 , FrP15.9 , FrC05.1 , FrC07.6 , FrP28.17 , SaP17.3 , SaP110.1 , SaB05.3 , SaP25.5 , SaD01.1 , SaD01.2 , SaD01.3 , SaD01.4 , SaD01.5 , SaD01.6
Neurological disorders – Traumatic brain injury	WeP25.17
Neurological disorders – Treatment methodologies	WeP16.4 , WeP25.3 , WeP25.4 , WeP25.11 , WeP25.14 , WeP25.19 , ThB05.1 , ThC05.3
Neuromuscular systems – Central mechanisms	ThP29.5 , ThP29.6 , ThP29.16 , SaB05.5
Neuromuscular systems – Computational modeling	ThA07.1 , ThP18.14 , ThP29.2 , ThP29.4 , ThP29.7 , ThP29.8 , ThP29.9 , ThP29.10 , ThP29.11
Neuromuscular systems – EMG models	ThP29.11 , ThP29.12 , ThP29.13 , ThP29.16 , SaB05.2 , SaB05.4

Neuromuscular systems – EMG processing and applications	WeP25.1 , WeP25.20 , ThP18.16 , ThB01.2 , ThP29.8 , ThP29.11 , ThP29.12 , ThP29.13 , ThP29.14 , ThP29.15 , ThP29.16 , ThP29.18 , ThP29.23 , ThD05.3 , ThD05.5 , ThD05.6 , FrP15.6 , FrB05.3 , FrC05.2 , SaP17.1 , SaP110.3 , SaB05.1 , SaB05.2 , SaB05.3 , SaB05.4 , SaB05.5 , SaB05.6 , SaD01.6
Neuromuscular systems – Learning and adaption	ThA05.2 , ThA07.1 , ThB05.5 , ThC05.6 , ThP29.1 , ThP29.2 , ThP29.4 , ThP29.6 , ThP29.9 , ThP29.21 , ThD01.5 , FrP15.4 , SaA08.2 , SaA08.6 , SaP17.1
Neuromuscular systems – Locomotion	ThP18.16 , ThB02.6 , ThC05.6 , ThP29.21 , ThP29.22 , ThP29.24 , ThD05.5 , FrP15.4 , FrP15.6 , SaA08.4 , SaP16.2
Neuromuscular systems – Peripheral mechanisms	ThB01.1 , ThB05.6 , ThP29.6 , ThP29.19 , ThP29.20 , ThP29.22 , ThP29.24 , FrA09.6 , SaD01.2
Neuromuscular systems – Postural and balance	WeB05.2 , ThC03.6 , ThP29.3 , ThP29.17 , ThP29.22 , SaA08.4
New sensing techniques	TuP01.4 , TuP01.6 , TuP02.1 , TuP02.2 , TuP02.3 , TuA13.6 , TuA14.1 , TuA14.2 , TuA14.3 , TuA14.4 , TuA14.5 , TuA14.6 , ThA19.2 , ThA19.6 , ThP17.2 , ThC20.1 , ThP28.1 , ThP28.4 , ThP28.5 , ThD19.6 , SaA19.1 , SaD17.3
New technologies and methodologies in human movement analysis	WeB02.2 , WeB02.3 , ThC02.1 , ThC02.2 , ThC02.3 , ThC02.4 , ThC02.5 , ThC02.6 , FrB01.3 , SaA02.5 , SaP112.3 , SaP112.6 , SaB27.6 , SaP27.2 , SaP28.6 , SaD02.1 , SaD27.4
New technologies and methodologies in medical robotics and biomechanics	WeA02.6 , WeB02.5 , WeP26.2 , WeP27.3 , WeP28.1 , WeP28.9 , ThC01.1 , ThC01.2 , ThP29.25 , FrB01.3 , FrC01.1 , FrC01.2 , FrC01.3 , FrC01.4 , FrC01.5 , FrC01.6 , SaA01.1 , SaA27.4 , SaP111.2 , SaP112.1 , SaP112.2 , SaP112.5 , SaP112.6 , SaP114.1 , SaP114.2 , SaP114.3 , SaP114.4 , SaB01.4 , SaP27.6 , SaP28.4 , SaD27.4
Nonlinear analysis of biomedical signals	WeA19.3 , WeA21.3 , WeA22.2 , WeB21.1 , WeB21.2 , WeB21.4 , WeB21.5 , WeB22.6 , WeC03.1 , WeC21.1 , WeC21.2 , WeC21.6 , ThA21.2 , ThA21.3 , ThA21.5 , ThP12.1 , ThP12.4 , ThP12.5 , ThP12.6 , ThP12.9 , ThB21.3 , ThB21.4 , ThB21.5 , ThB21.6 , ThC21.5 , ThC23.5 , ThP21.13 , ThP21.16 , ThD21.1 , ThD23.1 , FrP12.2 , FrP12.4 , FrP12.12 , FrC19.5 , FrC21.6 , FrP21.4 , FrP22.5 , FrP23.12 , FrD21.1 , FrD21.2 , FrD21.3 , SaA21.5 , SaA22.4 , SaP12.2 , SaP12.5 , SaB21.3 , SaP25.6 , SaD21.3
Non-linear cardiovascular or cardiorespiratory relations	WeP13.10 , WeP24.12 , FrA12.1
Nonlinear coupling of biomedical signals	WeB20.1 , WeB22.1 , WeB22.2 , WeC03.3 , WeC21.3 , ThP11.7
Nonlinear dynamics in biomedical signals	WeA21.5 , WeB21.1 , WeB21.2 , WeB21.4 , WeC03.3 , WeC21.1 , WeC21.6 , ThA21.2 , ThA21.3 , ThP11.1 , ThP11.7 , ThP12.3 , ThP12.4 , ThP12.5 , ThP12.6 , ThP12.7 , ThB21.1 , ThB21.2 , ThB21.6 , FrB21.3 , FrP22.2 , FrD21.1 , FrD21.2 , FrD21.3 , SaP12.2 , SaB22.4 , SaP21.2 , SaD21.4
Nonlinear filtering	ThP11.8 , ThP12.2 , ThP12.8

Nonlinear synchronization of biomedical signals	WeA21.1 , WeB21.3 , WeB22.1 , WeC03.1 , WeC03.6 , WeC21.3 , ThA21.3 , ThA21.6 , ThP12.1 , SaB22.4
Nonstationary processing of biomedical signals	WeA21.2 , WeB21.6 , WeB22.3 , WeC21.2 , WeC21.4 , WeC21.5 , ThA21.1 , ThA21.4 , ThA22.6 , ThP11.1 , ThP11.2 , ThP11.3 , ThP11.4 , ThP11.5 , ThP11.6 , ThP11.9 , ThP12.2 , ThB21.1 , ThB22.6 , ThC23.6 , ThP21.1 , ThP22.8 , ThD20.5 , FrA21.4 , FrA21.6 , FrA22.1 , FrP12.12 , FrC21.5 , FrP21.5 , FrP23.5 , FrD20.4 , SaP11.9 , SaP11.10 , SaB21.5 , SaB22.1 , SaB22.3 , SaB22.6 , SaP21.9 , SaP22.3 , SaD21.5
Novel approaches to BME education	ThC17.1 , ThC17.2 , ThC17.3 , ThP210.3 , ThP210.4 , FrD17.3

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Obstructive sleep apnea	ThB12.1 , ThB12.2 , ThB12.3 , ThB12.4 , SaD12.2 , SaD12.5
Optical and photonic sensors and systems	TuP01.1 , TuP01.2 , TuP01.3 , TuP01.4 , TuP01.5 , TuP01.6 , TuP01.7 , TuP01.8 , TuP01.9 , TuP02.1 , TuA13.1 , TuA13.2 , TuA13.3 , TuA13.4 , TuA13.5 , TuA13.6 , WeP21.3 , ThP16.11 , ThP17.3 , ThP26.4 , ThP26.9 , ThD19.3 , ThD19.4 , ThD19.5 , FrA19.5 , SaB17.3 , SaD19.1
Optical breast imaging	FrP25.2 , SaD23.2 , SaD23.3
Optical coherence tomography	FrP24.3 , FrP24.4 , FrP24.5 , SaB23.6
Optical imaging	ThA23.5 , ThB25.4 , ThP24.8 , ThD25.2 , FrP14.13 , FrC24.1 , FrC24.4 , FrP24.1 , FrP24.2 , FrP24.3 , FrP24.6 , FrP24.7 , FrP24.8 , FrP24.9 , FrP24.10 , FrP24.11 , FrP24.12 , FrP24.13 , FrP24.14 , FrP24.15 , FrD24.2 , SaP15.7 , SaB23.3 , SaB23.4 , SaB23.5 , SaB23.6 , SaD23.2 , SaD23.3 , SaD23.5
Optical molecular imaging	FrA25.4 , FrP24.15
Optical neuroimaging	FrP24.3
Optical vascular imaging	ThD25.2 , FrC24.1 , FrP24.2 , FrP24.9
Optimization in biomechanics : prosthetics	WeA01.2 , FrA01.6 , SaP115.4 , SaD02.3
Optimization in biomechanics: orthotics	WeA01.1 , WeA01.6
Optimization in musculoskeletal biomechanics	ThC02.5 , SaP115.2 , SaB27.3 , SaP27.6 , SaP28.1 , SaD02.5
Other computer-assisted surgery	WeP27.5 , WeP28.7 , FrA02.1 , FrA02.5 , FrA02.6 , FrB02.3 , FrB02.5 , SaA02.5 , SaP111.1 , SaP111.3
Oximetry	WeP111.12

P

Pacemakers	TuP07.9 , WeC11.4
Parallel MRI	TuA16.3 , TuA16.5 , TuA16.6 , ThP14.12 , ThP14.13 , ThP14.14 , ThP14.16 , ThC25.1 , ThC25.3
Parameter estimation	TuP04.6 , TuP04.9 , TuP04.11 , TuP04.12 , TuP05.1 , TuP05.7 , TuP05.8 , TuP05.9 , TuP05.12 , TuA07.1 , TuA07.6 , WeA13.5 , WeP11.3 , WeP11.5 , WeB13.2 , WeB13.3 , WeB13.4 , WeB13.5 , WeB13.6 , ThC13.5 , ThD13.4 , FrA13.1 , FrA13.5
Parametric filtering	ThP21.10 , FrP12.11 , SaA21.2 , SaP11.4 , SaP12.9
Parametric image reconstruction	SaD25.2
Parametric spectral estimation	FrP13.4 , SaP22.3
Partial and total coherence	FrP13.1 , FrC20.2
Patient specific approaches to treatment of heart disease	TuP07.4 , WeP13.11 , WeP13.12 , WeC11.1
Patient stratification	TuP04.2 , TuP04.4 , SaA13.1
Patterened 3D scaffolds	ThA15.6 , ThC15.2
Pattern recognition methods for data mining in biosignals	WeA19.5 , WeC19.1 , ThB20.2 , ThB22.4 , ThC21.5 , ThC21.6 , ThC23.3 , ThC23.4 , ThD21.1 , ThD21.4 , ThD21.5 , FrP11.11 , FrP12.4 , FrB21.1 , FrC19.3 , FrP22.1 , FrP22.2 , FrP22.3 , FrP22.4 , FrP22.5 , FrP22.7 , FrP23.8 , FrD13.1 , FrD13.2 , FrD20.2 , FrD20.6 , SaP13.1 , SaP13.3 , SaP14.4 , SaB22.2 , SaP23.3
Patterning of biomaterials	ThA15.2 , ThB15.5 , ThC15.4 , ThC15.5 , ThC15.6
Perceptrons in biosignal analysis	ThP13.3 , ThP13.4
Periodic breathing	ThB12.5
Personal emergency response systems	ThA16.3
Personal health records	WeA24.1 , WeA25.5 , WeP110.4 , WeB24.6 , WeC24.5 , WeP29.17 , WeP29.19 , ThA10.4 , ThA10.5 , ThA10.6 , ThA11.1 , ThB11.5 , FrP16.8
Personal health systems	WeA25.3 , WeA25.4 , WeA25.6 , WeP110.1 , WeP110.2 , WeP110.4 , WeP110.5 , WeP110.6 , WeB23.2 , WeB24.1 , WeB25.1 , WeB25.3 , WeB25.5 , WeC23.2 , WeP29.10 , WeP29.14 , WeP29.18 , ThB10.1 , ThB10.5 , ThB17.1 , ThB17.2 , ThC10.4 , FrP16.7 , FrP17.13 , FrP22.6
Personalised health	WeA25.2 , WeA25.3 , WeA25.6 , WeP110.1 , WeP110.2 , WeP110.3 , WeP110.6 , WeB23.3 , WeB23.4 , WeB24.1 , WeB25.4 , WeB25.5 , WeB25.6 , WeC23.1 , WeP29.7 , WeP29.8 , ThA11.1 , ThA17.1 , ThB11.6 , FrP16.7 , FrP16.8 , FrP17.13 , FrP29.2 , SaA10.6 , SaD10.3
PET and SPECT imaging	ThP24.4 , FrP27.7

PET and SPECT Imaging applications	ThD24.4 , SaP24.1 , SaD24.3 , SaD24.4
Phase locking estimation in biosignal analysis	WeC03.6 , ThA21.6
Physiological monitoring	TuP02.2 , TuP03.1 , TuP03.4 , TuP03.5 , TuA14.4 , WeP21.1 , WeP21.4 , WeP21.5 , WeP22.1 , WeP22.3 , WeP22.4 , WeP22.5 , WeP22.6 , WeP23.3 , WeP23.4 , WeP23.5 , ThA19.1 , ThA19.2 , ThA19.3 , ThA19.4 , ThA19.5 , ThA19.6 , ThB19.4 , ThB19.5 , ThB19.6 , ThC19.2 , ThC20.2 , ThP26.1 , ThP26.3 , ThP26.6 , ThP26.7 , ThP26.9 , ThD19.1 , ThD19.2 , ThD19.3 , ThD19.5 , ThD19.6 , FrA20.1 , FrA20.4 , FrB20.1 , FrB20.3 , FrB20.4 , SaA19.3 , SaA19.4 , SaA19.6 , SaA20.1 , SaA20.2 , SaB19.3 , SaB20.2 , SaB20.5 , SaP21.16 , SaD19.3 , SaD20.6
Physiological monitoring devices	TuP10.1 , TuP11.7 , TuP11.8 , TuP11.12 , TuP12.4 , TuA10.1 , TuA10.5 , TuA10.6 , WeP18.5 , WeP111.2 , WeP111.5 , WeP111.12 , WeP111.16 , WeB16.3 , WeP22.2 , WeD16.1 , ThA16.1 , ThA16.5 , ThA16.6 , FrA16.1 , FrA16.3 , FrA16.5 , FrD16.3 , SaB16.2
Physiome modelling	TuP05.3 , TuA07.4 , WeP12.5 , WeB13.1 , WeB13.6
PK/PD models and cancer prevention	TuP04.6 , ThD13.3 , ThD13.4
Planning and execution in surgical robotics	WeP27.4 , WeP27.6 , WeP28.2 , FrA02.1 , FrB02.4 , SaA01.6 , SaA02.2
Plethysmography	WeP111.5
Point of care diagnostic lab technologies	TuP10.6 , TuP12.3 , TuA10.6 , FrD16.2 , SaD16.6
Portable miniaturised systems	TuP01.3 , TuP03.2 , WeP21.5 , WeP22.6 , ThC19.4 , ThC20.2 , ThC20.3 , ThC20.6 , ThP27.4 , SaA19.2 , SaA19.3 , SaA20.6 , SaB19.2 , SaD19.1
Pressure-volume relationship	ThD12.4 , SaA11.3
Principal component analysis	WeC20.2 , ThA20.2 , ThA22.2 , ThA22.3 , ThP21.10 , ThP21.17 , FrC19.2 , SaA22.1 , SaA22.3 , SaA22.4 , SaA22.5 , SaA22.6 , SaP14.1 , SaP14.2 , SaP14.3 , SaP14.4
Product development process	TuP12.5 , WeP111.2 , WeP111.3 , WeP111.13 , WeB16.5 , WeP22.2 , ThA16.5 , FrB16.1 , FrD16.6 , SaA16.4 , SaD16.1
Professional responsibility	ThC17.2
Project management	WeP111.1
Prosthetic devices	ThP15.5 , ThP16.2 , ThP17.1 , ThP17.3 , ThP17.4 , ThP26.4 , ThP27.1 , FrB19.5 , SaB19.6
Prosthetic limbs, devices, and related appliances and aides	WeC02.1 , WeC02.4 , SaB16.4 , SaD02.4 , SaD23.4
Protein signatures and molecular markers	WeP12.1 , WeP12.6
Psychophysics of human-robot interactions	WeP26.3

Public health	WeA23.3 , WeB24.5 , ThB11.1 , SaA10.2 , SaA10.5 , SaP29.5
Pulmonary assist device	ThB12.5
Pulmonary function test	WeP14.3
Pulmonary models	ThA12.5
Pulmonary rehabilitation	WeP13.10 , WeP14.5
Pulse transit time	TuP06.9 , FrD12.6
Pulse wave velocity	TuP06.5 , TuP06.8 , TuP06.10 , ThD12.2 , FrD12.1 , FrD12.2 , FrD12.3 , FrD12.5 , FrD12.6

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Regularized image reconstruction	ThP14.12 , ThP23.8 , ThP24.8 , FrA25.3 , FrB24.1 , FrB24.6 , FrC24.5 , FrP24.11 , SaB25.6
Regulatory issues	ThC17.5 , SaB10.1 , SaB10.2
Reliability engineering	TuP11.1 , ThA16.5
Remote surgery systems / telesurgery	WeP28.4 , FrA02.4 , SaA02.6 , SaA27.1 , SaP111.3
Respiratory models	WeP14.4 , ThA12.1 , ThA12.5 , ThB12.6 , SaD12.2
Respiratory variability	WeP14.3 , WeP24.1 , ThB12.6 , FrB11.2 , FrB11.3
Retinal Image Analysis	ThA23.1 , ThA23.2 , ThA23.3 , ThA23.4 , ThA23.5 , ThA23.6 , ThB23.1 , ThB23.2 , ThB23.3 , ThB23.4 , ThB23.5 , ThB23.6 , ThP25.1 , ThP25.2 , ThP25.3 , ThP25.4 , ThP25.5 , ThP25.6 , ThD24.3 , FrC23.1 , FrC23.2 , FrC23.3 , FrC23.4 , FrC23.5 , FrC23.6 , FrP24.4 , FrP26.1 , FrP26.3 , FrP26.4 , FrP26.5
Retinal Imaging	ThA23.3 , ThA23.4 , ThA23.5 , ThB23.1 , ThB23.2 , ThB23.4 , ThB23.5 , ThP25.2 , ThP25.4 , ThP25.5 , ThP25.6 , ThD24.3 , FrC23.1 , FrC23.3 , FrC23.4 , FrC23.5 , FrP24.4 , FrP26.1 , FrP26.2
RF and microwave ablation	TuP10.3 , TuP12.2 , TuP12.4 , FrB16.3 , SaA16.2 , SaA16.4 , SaA16.5
RFID and NFC in health	WeA24.3 , WeA24.4 , WeP29.6 , WeP29.13 , WeP29.14 , WeP29.21 , ThC10.1 , SaB11.4
Rigid-body image registration	TuP12.6 , ThA24.1 , ThA24.2 , ThA24.3 , ThA24.4 , ThB24.1 , FrA24.2 , FrA24.3 , FrP25.8 , FrP26.5 , FrP27.3 , SaP24.11 , SaP24.15 , SaP24.26 , SaP24.30 , SaD23.3
Risk and safety	ThP210.2 , SaB10.3
Robot-aided mobility: wheelchairs, canes, crutches etc.	FrC01.6 , SaP112.6 , SaB01.1
Robotics: orthotics	WeA01.6 , WeA02.1 , WeA02.2 , WeB02.4 , SaB01.6 , SaP26.2 , SaD27.5

S

Safety	TuP11.13, WeP111.14
Self-assembled biomaterials	FrB15.3
Sensors for in vitro evaluation of drug activity	ThB15.5
Signal processing in physiological systems	WeA19.1, WeA19.2, WeA19.3, WeA19.5, WeA20.1, WeA20.2, WeA20.3, WeA20.4, WeA20.5, WeA21.2, WeA21.5, WeA22.2, WeA22.3, WeA22.5, WeA22.6, WeB19.1, WeB19.2, WeB20.1, WeB20.2, WeB20.3, WeB20.4, WeB20.6, WeB21.1, WeB21.3, WeB21.5, WeB22.1, WeB22.2, WeB22.4, WeB22.5, WeB22.6, WeC03.1, WeC03.2, WeC03.3, WeC03.4, WeC03.6, WeC19.2, WeC19.4, WeC19.6, WeC20.1, WeC20.2, WeC20.3, WeC20.4, WeC20.5, WeC20.6, WeC21.1, ThA20.6, ThA21.4, ThA22.2, ThA22.4, ThP11.3, ThP11.9, ThP12.6, ThP12.8, ThP13.7, ThP13.8, ThB20.6, ThB22.1, ThB22.2, ThC23.5, ThP21.1, ThP21.2, ThP21.3, ThP21.4, ThP21.5, ThP21.6, ThP21.7, ThP21.8, ThP21.9, ThP21.10, ThP21.11, ThP21.12, ThP21.13, ThP21.14, ThP21.16, ThP21.17, ThP22.1, ThP22.2, ThP22.3, ThP22.4, ThP22.5, ThP22.6, ThP22.7, ThP22.8, ThP22.9, ThP22.10, ThP22.11, ThP22.12, ThP22.13, ThP22.14, ThD20.1, ThD20.2, ThD20.4, ThD21.3, ThD21.4, ThD22.3, ThD23.3, ThD23.4, ThD23.5, FrA21.3, FrA22.1, FrP11.1, FrP11.2, FrP11.3, FrP11.4, FrP11.5, FrP11.6, FrP11.7, FrP11.8, FrP11.9, FrP12.3, FrP12.6, FrP12.7, FrB21.3, FrB21.4, FrB22.1, FrB22.3, FrC19.2, FrC19.4, FrC20.1, FrC20.2, FrC20.3, FrC21.1, FrC21.3, FrP21.2, FrP21.4, FrP21.5, FrP22.1, FrP22.5, FrP23.3, FrP23.7, FrP23.9, FrP26.6, FrD20.1, FrD20.2, FrD20.5, FrD21.1, FrD21.2, FrD21.3, FrD22.2, FrD22.3, SaA21.1, SaA21.2, SaA21.3, SaA21.4, SaA21.5, SaA21.6, SaA22.5, SaP11.7, SaP12.7, SaP12.8, SaP12.10, SaP13.4, SaP13.5, SaB21.5, SaB21.6, SaB22.1, SaB22.3, SaB22.5, SaP21.3, SaP21.6, SaP21.8, SaP21.12, SaP21.15, SaP22.5, SaP22.8, SaP23.2, SaD21.1, SaD21.2, SaD21.3, SaD21.5
Signaling pathways	WeP24.7, FrA11.3
Signals and systems	WeA19.3, WeA20.6, WeA22.1, WeA22.3, WeA22.4, WeA22.5, WeB19.2, WeB20.3, WeB20.4, WeB22.4, WeC03.2, WeC03.5, WeC20.4, WeC20.5, ThP11.8, ThP11.9, ThP12.9, ThP13.2, ThB21.1, ThB22.1, ThB22.2, ThB22.3, ThP21.12, ThP21.14, ThP22.1, ThP22.7, ThP22.10, ThP22.11, ThP22.13, ThD23.1, ThD23.2, ThD23.6, FrA22.5, FrA22.6, FrP11.9, FrP11.10, FrP11.11, FrP12.12, FrB22.4, FrC19.1, FrC20.6, FrP26.6, FrD22.6, SaA21.1, SaP11.7, SaP12.8, SaP13.4, SaP13.5, SaB21.2, SaP21.1, SaP21.7, SaP21.14, SaP22.5, SaD21.1, SaD21.2
Simulation method developments for cardiac arrhythmia studies	TuP07.12, WeC11.1, WeC11.3, WeC11.5, FrA12.2

Simulation, learning and training	TuP10.5 , TuP10.7 , TuP11.9 , WeA16.2 , WeA16.6 , WeP17.3 , WeP18.1 , WeB16.1 , WeD16.3 , FrB16.1 , SaD16.3
Single cell analysis	TuA13.3 , SaD20.2
Smart biological and chemical sensor materials	WeP21.4 , ThP17.4 , ThP26.2 , FrA19.4
Smart home technology	WeA25.2 , WeC23.1 , WeC23.2 , WeC23.3 , WeC23.4 , WeC23.5 , WeP29.15 , WeP29.22 , FrP16.12 , FrP17.1 , FrP17.3 , FrP17.4 , FrP17.5 , FrP17.9 , FrP17.10 , SaB11.2 , SaB11.4 , SaB11.6 , SaP29.1
Smart textile and clothes	ThB19.1 , ThB19.2 , ThC03.3 , ThC19.4 , ThP26.5 , FrB20.5 , SaA19.4 , SaA19.5 , SaA19.6 , SaA20.3 , SaD17.1 , SaD17.4
Stents	TuP10.11 , WeP17.1
Structural bioinformatics	ThB13.1 , ThB13.2 , ThB13.3 , ThB13.4 , ThB13.5
Structural disease in the heart	TuP07.6 , WeC11.5 , FrA11.4
Structured data visualization	WeA13.2 , WeP12.4 , FrA13.6
Support Vector Machine (SVM) applied to biosignal analysis	WeA22.4 , WeB20.5 , WeB20.6 , WeB22.5 , WeC03.4 , WeC03.5 , ThA22.5 , ThP11.4 , ThP12.8 , ThB20.1 , ThB20.2 , ThB20.3 , ThB20.4 , ThB20.5 , ThB20.6 , ThC21.2 , ThP22.4 , ThD22.6 , FrA21.5 , FrC19.3 , FrC20.4 , SaP11.1 , SaP14.5 , SaP21.5 , SaP23.2 , SaP23.3 , SaP23.4 , SaP23.5
Surface functionalization and attachment of biological element	ThB15.4
Surgical robotics	WeP27.4 , WeP27.6 , WeP28.2 , WeP28.4 , WeP28.5 , WeP28.8 , FrA02.2 , FrA02.3 , FrA02.5 , FrA02.6 , FrB02.3 , FrB02.5 , FrB02.6 , SaA02.1 , SaA02.2 , SaA02.4 , SaA02.5 , SaA02.6 , SaA27.1 , SaA27.2 , SaA27.3 , SaA27.4 , SaA27.5 , SaP111.1 , SaP111.2 , SaP111.3
Synthetic biology circuits	WeP11.7
Synthetic biology devices	WeP11.7

T

Tactile displays and perception	ThC01.3 , ThC01.5 , ThC01.6 , FrB01.1
Teaching commercialization	ThC17.1
Teaching design	ThC17.1 , ThC17.3 , FrD17.3
Technology and services for assisted-living	WeC23.2 , WeC23.3 , WeC23.4 , WeC23.5 , WeC23.6 , WeP29.4 , WeP29.13 , FrP17.2 , FrP17.3 , FrP17.6 , FrP17.7 , FrP17.8 , SaB11.1 , SaB11.2 , SaB11.3 , SaB11.4

Technology and services for home care	WeP110.4 , WeP110.6 , WeB23.5 , WeB25.1 , WeB25.4 , WeC23.1 , WeC23.3 , WeC23.5 , WeC23.6 , WeC25.1 , WeC25.3 , WeC25.5 , WeC25.6 , WeP29.1 , ThB10.2 , ThB10.5 , ThB10.6 , ThB17.1 , ThB17.2 , FrP17.1 , FrP17.3 , FrP17.6 , FrP17.7 , FrP17.8 , FrP17.9 , FrP17.10 , FrP17.11 , FrP17.12 , FrP17.13 , FrP17.14 , SaA10.1 , SaA10.2 , SaB11.1 , SaB11.2 , SaB11.3 , SaB11.5 , SaB11.6
Technology assessment	TuP12.5 , WeA16.2 , FrA16.6 , FrD16.6 , SaB16.3
Telehealth	WeA25.6 , WeB23.2 , WeC24.4 , WeC25.1 , WeC25.5 , WeC25.6 , WeP29.22 , ThA10.6 , ThA17.2 , ThB10.2 , ThB10.4 , ThB10.6 , ThB17.1 , FrP16.9 , FrP16.11 , FrP17.12 , SaA10.6
Telemedicine	WeA25.2 , WeB24.5 , WeB25.2 , WeC25.1 , WeC25.2 , WeC25.6 , WeP29.3 , WeP29.5 , WeP29.16 , ThA10.1 , ThA17.2 , ThB10.2 , ThB10.3 , ThB10.4 , ThB10.5 , ThC10.3 , FrP16.2 , FrP16.13 , FrP17.1 , FrP17.11 , SaA10.5 , SaP29.1 , SaP29.5 , SaP29.6
Telemedicine robots	WeP26.7
Therapeutic intervention strategies in synthetic biology	ThA13.1
Therapeutic robotics	WeA02.4 , WeB01.5 , WeB02.4 , WeC01.1 , WeC01.2 , WeP26.1 , WeP26.4 , WeP28.9 , ThP29.25 , FrA01.3 , FrB01.1 , SaB01.2 , SaB01.3 , SaB01.4 , SaB01.5 , SaD27.5 , SaD27.6
Therapeutic ultrasound	SaP15.1 , SaP15.6
Thermal sensors and systems	TuA14.5 , WeP23.1 , ThB19.1 , ThB19.3 , ThP26.4
Time-frequency analysis of biosignals	WeA20.1 , WeA22.2 , WeB19.6 , WeB21.6 , WeB22.2 , WeB22.3 , WeC19.1 , WeC19.2 , WeC19.3 , WeC19.4 , WeC19.5 , WeC19.6 , ThA20.1 , ThA20.4 , ThA21.4 , ThA21.6 , ThA22.1 , ThA22.4 , ThP11.2 , ThP11.5 , ThP13.5 , ThB20.3 , ThB20.4 , ThB22.6 , ThC21.3 , ThP21.5 , ThP21.7 , ThP21.9 , ThP21.11 , ThP21.14 , ThP22.2 , ThP22.3 , ThP22.5 , ThP22.8 , ThD23.5 , FrA21.2 , FrA21.3 , FrA21.6 , FrP11.3 , FrP12.1 , FrP12.7 , FrP13.5 , FrC20.5 , FrP21.1 , FrP21.2 , FrP21.3 , FrP21.4 , FrP21.5 , FrP21.6 , FrP22.4 , FrP23.1 , FrP23.5 , FrP23.6 , FrP23.10 , FrD20.1 , FrD20.3 , SaP11.5 , SaP12.7 , SaB21.1 , SaB21.2 , SaB21.3 , SaB21.4 , SaB21.5 , SaB21.6 , SaB22.5 , SaP21.11
Time-frequency, time-scale analysis of cardiovascular variability	WeP13.1 , WeP13.5 , WeP13.6 , WeP24.14 , FrA12.2 , FrA12.3 , FrB11.2
Time-frequency, time-scale analysis of respiratory variability	ThB12.5
Time-scale and wavelets	WeB21.6 , WeB22.6 , ThP11.6 , ThP12.2 , ThP12.3 , ThB20.2 , ThB20.4 , ThC21.2 , ThC21.6 , ThP21.5 , FrA21.1 , FrA21.2 , FrA21.3 , FrA21.4 , FrA21.5 , FrP13.5 , FrP22.2 , FrP23.9 , FrP23.13 , SaA21.6 , SaP11.1 , SaP11.2 , SaP11.3 , SaP11.4 , SaP11.5 , SaP11.6 , SaP11.7 , SaP11.8 , SaP13.1 , SaB21.3 , SaB22.6 , SaP21.8
Training	ThC17.4

Transdermal drug delivery [WeA16.3](#), [WeP111.11](#)

Translational models for musculoskeletal tissue engineering [ThC15.2](#)

U

Ultrasonic Breast Imaging [SaP15.6](#), [SaP15.7](#)

Ultrasonic Cardiac Imaging [ThA25.3](#), [SaP15.2](#), [SaP15.3](#), [SaP15.8](#), [SaP24.22](#)

Ultrasonic interventional imaging [FrP14.34](#), [SaP15.1](#), [SaP24.33](#), [SaD25.2](#)

Ultrasonic prenatal imaging [SaP15.9](#)

Ultrasonic Vascular Imaging [TuA17.1](#), [TuA17.2](#), [TuA17.3](#), [TuA17.4](#), [TuA17.5](#), [TuA17.6](#), [ThP24.1](#), [FrP14.28](#), [FrP14.31](#), [FrP14.34](#), [FrD25.1](#), [FrD25.2](#), [FrD25.3](#)

Ultrasound molecular imaging [SaP15.10](#)

Usability [ThA16.4](#), [FrB16.1](#)

Use errors [WeP111.13](#)

User interface [TuP10.5](#), [WeP18.1](#), [WeB16.4](#), [WeB16.5](#)

V

Vascular mechanics [TuP06.7](#), [TuP06.8](#), [TuP06.10](#), [WeP15.5](#), [FrD12.1](#), [FrD12.4](#), [FrD12.5](#)

Ventilators [WeP111.6](#)

Ventricular arrhythmia mechanisms [TuP07.1](#), [TuP07.2](#), [TuP07.7](#), [TuP07.8](#), [TuP07.12](#), [WeP13.3](#), [WeP13.5](#), [WeC11.2](#), [WeC11.4](#), [WeC11.5](#), [WeP24.8](#), [FrA11.1](#)

Ventricular assist device [TuP06.11](#), [WeB11.1](#), [WeB11.2](#), [WeB11.3](#), [WeB11.4](#), [WeB11.6](#), [ThA12.3](#), [ThD12.6](#)

Ventricular elastance [TuP06.11](#), [SaA11.1](#)

Ventricular mechanics [SaA11.2](#)

Ventricular models [TuP07.12](#), [WeP13.3](#), [SaA11.1](#)

Verification and validation [TuP11.10](#), [WeP111.14](#)

Virtual reality in rehabilitation [ThP29.21](#), [SaA08.5](#), [SaP17.1](#), [SaP17.2](#), [SaP25.5](#)

Virtual reality in rehabilitation – Internal models [SaA08.3](#), [SaA08.6](#), [SaP17.2](#)

Virtual reality in rehabilitation – Rehabilitation [ThB02.6](#), [ThB05.2](#), [SaA08.1](#), [SaA08.2](#), [SaA08.3](#), [SaA08.4](#), [SaP17.2](#), [SaP17.3](#), [SaP110.1](#)

Virtualized reality for robotic surgery	WeP27.3 , FrA02.4 , FrA02.5 , FrA02.6 , SaA02.3
Volterra-Wiener models in physiological systems	WeB20.1 , ThB21.2 , ThB21.3 , ThB21.5 , ThC23.6 , FrC20.6 , SaP12.5
Volume rendering	FrP27.4 , SaP12.11 , SaP15.4 , SaP24.32 , SaD23.1

W

Wearable robotic systems: orthotics	WeA01.1 , WeA02.1 , WeA02.2 , WeA02.3 , WeA02.4 , WeA02.5 , WeA02.6 , SaB01.6 , SaB27.2 , SaP26.1 , SaP26.2 , SaP26.3 , SaP27.4
Wearable robotic systems: prosthetics	WeA01.2 , WeC02.5 , SaP26.3 , SaP28.3 , SaD02.3
Wearable systems	TuP03.3 , WeP21.5 , WeP22.3 , WeP22.6 , ThB19.2 , ThC03.3 , ThC19.1 , ThC19.3 , ThC19.4 , ThC19.5 , ThC19.6 , ThC20.6 , ThP26.5 , ThP27.4 , FrB20.1 , FrB20.2 , FrB20.3 , FrB20.4 , FrB20.5 , FrB20.6 , SaA19.1 , SaA19.2 , SaA19.3 , SaA19.4 , SaA19.5 , SaA20.1 , SaA20.3 , SaA20.4 , SaA20.5 , SaA20.6 , SaP21.16 , SaD17.1 , SaD17.2 , SaD17.4
Wearable systems for neurorehabilitation	WeP16.1 , WeC05.6 , ThB02.5 , ThB07.4 , FrA07.2 , FrP15.1 , FrP15.3 , FrP15.7 , FrP15.11 , FrB07.1 , FrB07.2 , FrB07.3 , FrB07.4 , FrB07.5 , FrB07.6 , FrC03.1 , FrC07.3 , FrP28.11 , FrP28.29 , SaA08.5 , SaP16.3 , SaP110.4 , SaB03.1
Wearable systems for neurorehabilitation – Balance control	WeB05.1 , WeB05.2 , WeB05.5 , ThB01.4 , ThC05.2 , ThC05.4 , FrP15.5 , FrC07.2 , FrC07.3 , FrC07.4
Wearable systems for neurorehabilitation – Biofeedback	WeP16.5 , WeB05.5 , ThC05.2 , ThC05.4 , FrP15.4 , FrP15.5 , FrP15.7 , FrP15.9 , FrP15.10 , FrC07.1 , FrC07.3 , FrC07.4 , FrC09.3
Wearable systems for neurorehabilitation – Decoding algorithms	WeC05.1 , FrP15.6 , FrB07.2 , FrC07.1
Wearable systems for neurorehabilitation – Functional assessment	ThC03.2 , FrP15.7 , FrP15.8 , FrP15.9 , FrP15.10 , FrB07.3 , FrB07.6 , FrC07.1 , FrC07.4 , FrC07.5 , FrC07.6
Wearable systems for neurorehabilitation – Reaching and grasping	ThA07.4 , ThB01.5 , ThC03.1 , ThC03.4 , ThC03.5 , ThC03.6 , FrP15.1 , FrB07.3 , FrC03.6 , FrP28.1
Wearable systems for neurorehabilitation	SaA03.2
Wellness monitoring technologies	TuP11.2 , TuP11.4 , TuP11.5 , TuP11.8 , WeP19.4 , WeP111.2 , WeP22.2 , FrA16.1 , FrA16.4 , FrA16.5 , FrD16.1 , FrD16.2 , FrD16.3 , FrD16.4 , FrD16.5 , SaD16.6
Wireless sensors and systems	TuP02.2 , TuP03.2 , WeP23.4 , ThA19.4 , ThP15.1 , ThP16.3 , ThP16.4 , ThP16.8 , ThP17.1 , ThB19.6 , ThC19.1 , ThC19.2 , ThC19.5 , ThP27.2 , ThD19.1 , FrB19.2 , FrB19.3 , FrB19.4 , FrB19.6 , FrB20.3 , FrB20.4 , FrB20.5 , FrB20.6 , SaA19.5 , SaA19.6 , SaA20.1 , SaA20.6 , SaB20.1 , SaP21.16 , SaD17.1

Wireless/ubiquitous technologies and systems

WeA24.4, WeA24.5, WeB23.3, WeB24.2, WeB24.3, WeB24.6, WeB25.1, WeB25.4, WeC24.1, WeC24.3, WeC24.4, WeC24.6, WeP29.1, WeP29.2, WeP29.3, WeP29.4, WeP29.5, WeP29.6, WeP29.8, WeP29.9, WeP29.12, WeP29.15, WeP29.18, WeP29.20, WeP29.21, WeP29.22, ThC10.1, FrP16.1, FrP16.3, FrP16.10, FrP16.12, FrP17.2, FrP17.6, FrP17.10, SaA10.1, SaA10.4, SaP29.6

Work of breathing

ThB12.3, ThB12.6

X

X-ray CT

ThA25.6, ThB24.2, ThB24.3, ThB24.5, ThB24.6, ThD25.4, FrA24.3, FrA24.4, FrP14.15, FrP14.33, FrC25.6, FrP25.5, FrP25.8, SaB24.3, SaP24.7, SaP24.9, SaP24.17, SaP24.19, SaD24.1, SaD24.5

X-ray imaging applications (breast, lung, abdominal, dental, thoracic, etc.)

ThB24.6, FrP14.16, FrP14.35, FrP25.1, FrP25.2, FrP25.3, FrP25.4, FrP25.6, FrP25.7, FrP25.9, SaB24.1, SaB24.2, SaB24.4, SaB24.5, SaP24.18, SaD24.1

X-ray molecular imaging

TuA15.1

X-ray radiography

FrP14.35, FrB24.3, FrP25.3, SaB24.4, SaB24.5, SaP24.26