2020 28th ISMRM Annual Meeting
Abstract Submission Categories

Category	Subcategory
100: Neuro	101 Neuro: Neonatal & Pediatric - Normal Development
	102 Neuro: Neonatal & Pediatric - Clinical Studies
	103 Neuro: Normal Aging
	104 Neuro: Alzheimer's Disease & Other Dementias
	105 Neuro: Parkinson's Disease
	106 Neuro: Neurodegeneration (other than AD, PD and dementia)
	107 Neuro: Multiple Sclerosis
	108 Neuro: Epilepsy
	109 Neuro: Neurovascular - supraaortic - Methods
	110 Neuro: Neurovascular - supraaortic - Clinical Studies
	111 Neuro: Brain Tumors - Pre-treatment
	112 Neuro: Brain Tumors - Post-treatment
	113 Neuro: Traumatic Brain Injury
	114 Neuro: Psychiatric Disorders
	115 Neuro: Head & Neck
	116 Neuro: Spine
	117 Neuro: Acquisition
	118 Neuro: Processing
	119 Neuro: Emerging Methods and Translational Studies
	120 Neuro: Neuro Applications of Machine Learning
	121 Neuro: Other Research
200: Cardiovascular	201 CV: Myocardial Perfusion
	202 CV: Myocardial Function
	203 CV: Myocardial Tissue Characterization
	204 CV: Atherosclerosis Imaging
	205 CV: Contrast-Enhanced MRA
	206 CV: Non-Contrast Enhanced MRA
	207 CV: Velocity & Flow Quantification
	208 CV: Pediatrics
	209 CV: Image Processing
	210 CV: Emerging Methods and Translational Studies
	211 CV: Applications of Machine Learning
	212 CV: Other Research

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300: Body	301 Body: Breast
	302 Body: Lung / Mediastinum
	303 Body: Hyperpolarized Gas Imaging
	304 Body: Hepatobiliary - Non-neoplastic Disease (function, metabolism, fibrosis, iron, fat, inflammation)
	305 Body: Hepatobiliary - Neoplastic Disease (benign and malignant)
	306 Body: Pancreas (function, metabolic disease, non-neoplastic and neoplastic disease)
	307 Body: Gastrointestinal (including tumors)
	308 Body: Genitourinary (non-prostate, including tumors)
	309 Body: Prostate
	310 Body: Female Pelvis
	311 Body: Placental and Fetal (all organ systems)
	312 Body: Diabetes / Nutrition / Metabolism
	313 Body: Pediatrics
	314 Body: Diffusion
	315 Body: Emerging Methods and Translational Studies
	316 Body: Body Applications of Machine Learning
	317 Body: Other Research
400: Musculoskeletal	401 MSK: Muscle
	402 MSK: Cartilage
	403 MSK: Menisci / Tendon / Ligament
	404 MSK: Bone
	405 MSK: Tumors
	406 MSK: Pediatrics
	407 MSK: Emerging Methods and Translational Studies
	408 MSK: MSK Applications of Machine Learning
	409 MSK: Other Research

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500: Cancer	501 Cancer: Tumor Perfusion & Permeability
	502 Cancer: Tumor Therapy Response and Radiation Planning
	503 Cancer: DWI & MRS
	504 Cancer: Preclinical Models
	505 Cancer: Pediatrics
	506 Cancer: Other Research
600: Spectroscopy	601 MRSI: Data Acquisition & Reconstruction Methods
	602 MRS: MRS Acquisition Methods
	603 MRS/MRSI: Data Analysis & Quantification Methods
	604 MRS/MRI: Non-proton - Methods
	605 MRS/MRI: Non-proton - Applications
	606 MRS/MRSI: Proton Applications
	607 MRS/MRSI: Pediatrics
	608 NMR (MAS, Cells, Body Fluids) & ESR
	609 MRS/MRSI: Software tools
	610 MRS/MRSI: Other Research
700: Molecular Imaging	701 Molecular Imaging: Novel Contrast Agents (including Manganese)
	702 Molecular Imaging: Targeted Molecular Imaging
	703 Molecular Imaging: Cell Tracking & Reporter Genes
	704 Molecular Imaging: Hyperpolarized MR (Non-Gas) & Metabolism
	705 Molecular Imaging: PET/MR
	706 Molecular Imaging: Pediatrics
	707 Molecular Imaging: Other Research

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800: Contrast Mechanisms	801 Contrast Mechanisms: Relaxation
	802 Contrast Mechanisms: Quantitative Susceptibility Mapping
	803 Contrast Mechanisms: Electromagnetic Tissue Mapping (susceptibility, conductivity, etc)
	804 Contrast Mechanisms: CEST / APT / NOE / Magnetization Transfer
	805 Contrast Mechanisms: Perfusion & Permeability - Contrast Agent Methods
	806 Contrast Mechanisms: Perfusion - Arterial Spin Labeling Methods
	807 Contrast Mechanisms: Elastography
	808 Contrast Mechanisms: Water-Fat Separation (including quantification)
	809 Contrast Mechanisms: Microstructure (non-diffusion)
	810 Contrast Mechanisms: Quantitation - Validation, Precision and Accuracy
	811 Contrast Mechanisms: Novel Contrast Mechanisms
	812 Contrast Mechanisms: Pediatric applications
	813 Contrast Mechanisms: Other Research
900: Acquisition, Reconstruction & Analysis	901 Acquisition, Reconstruction & Analysis: Parallel Imaging Reconstruction
	902 Acquisition, Reconstruction & Analysis: Sparse and Low-Rank Models
	903 Acquisition, Reconstruction & Analysis: Other Image Reconstruction Models
	904 Acquisition, Reconstruction & Analysis: RF Pulse Design and Fields (including parallel transmit and multiband)
	905 Acquisition, Reconstruction & Analysis: New Contrasts and Signal Preparation Schemes
	906 Acquisition, Reconstruction & Analysis: New Trajectories and Spatial Encoding Methods
	907 Acquisition, Reconstruction & Analysis: Machine Learning for Image Reconstruction
	908 Acquisition, Reconstruction & Analysis: Machine Learning for Image Processing
	909 Acquisition, Reconstruction & Analysis: Machine Learning Methods (other)
	910 Acquisition, Reconstruction & Analysis: MR Fingerprinting
	911 Acquisition, Reconstruction & Analysis: Quantitative Imaging (other than fingerprinting)
	912 Acquisition, Reconstruction & Analysis: Motion Correction: Non-Brain
	913 Acquisition, Reconstruction & Analysis: Motion Correction: Brain
	914 Acquisition, Reconstruction & Analysis: System Imperfections - Measurement and Correction
	915 Acquisition, Reconstruction & Analysis: Artifacts, Implants & Corrections
	916 Acquisition, Reconstruction & Analysis: Image Processing & Analysis (including software)
	917 Acquisition, Reconstruction & Analysis: Software Tools
	918 Acquisition, Reconstruction & Analysis: Pediatric applications
	919 Acquisition, Reconstruction & Analysis: Other Research

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1000: Diffusion	1001 Diffusion: Acquisition Methods
	1002 Diffusion: Image Reconstruction and Artefact Correction Methods
	1003 Diffusion: Analysis and Visualization Methods
	1004 Diffusion: Signal Representations/Decompositions (DTI, DKI, etc)
	1005 Diffusion: Microstructure - Modelling
	1006 Diffusion: Microstructure - Validation, Experiments and Applications
	1007 Diffusion: Tractography and Fibre Modeling
	1008 Diffusion: Applications (Adult)
	1009 Diffusion: Pediatric Applications and Methods
	1010 Diffusion: Validation
	1011 Diffusion: Software Tools
	1012 Diffusion: Other Research
1100: fMRI	1101 fMRI: Acquisition & Artifacts
	1102 fMRI: Contrast Mechanisms and Signal Characteristics
	1103 fMRI: Physiology
	1104 fMRI: Multimodal
	1105 fMRI: Connectivity Methods
	1106 fMRI: Analysis Methods (Other Than Connectivity)
	1107 fMRI: Connectivity-Based Applications (Human)
	1108 fMRI: Non-Connectivity-Based Applications (Human)
	1109 fMRI: Pediatric Applications and Methods
	1110 fMRI: Software Tools
	1111 fMRI: Other Research
1200: Interventional	1201 Interventional: Thermotherapy & Thermometry
	1202 Interventional: MR-Guided Focused Ultrasound
	1203 Interventional: MR-guided Interventions (non-thermal)
	1204 Interventional: Pediatrics
	1205 Interventional: Other Research

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1300: Engineering	1301 Engineering: RF Arrays & Systems
	1302 Engineering: Non-Array RF Coils, Antennas & Waveguides
	1303 Engineering: Gradient, Shim, & Magnet Technology
	1304 Engineering: Hybrid & Novel Systems Technology
	1305 Engineering: UHF Imaging & Spectroscopy - Applications & Technology
	1306 Engineering: Pediatrics
	1307 Engineering: Software Tools
	1308 Engineering: Other Research
1400: MR Safety	1401 MR Safety: Bioeffects and Magnetic Fields (static, time-varying, RF)
	1402 MR Safety: Implants and Devices
	1403 MR Safety: Contrast Agent Safety Considerations
	1404 MR Safety: Pediatrics
	1405 MR Safety: Other Research
1500: MR Value	1501 MR Value: Imaging Methods and Applications
	1502 MR Value: Evaluation
	1503 MR Value: Health Care Economics Research
	1504 MR Value: Other Research
1600: Preclinical/Animal Studies	1601 Preclinical/Animal Studies: Neuro
	1602 Preclinical/Animal Studies: Cardiovascular
	1603 Preclinical/Animal Studies: Body
	1604 Preclinical/Animal Studies: Musculoskeletal
	1605 Preclinical/Animal Studies: Cancer
	1606 Preclinical/Animal Studies: Molecular/Spectroscopy/Non-proton Applications
	1607 Preclinical/Animal Studies: Diffusion Applications
	1608 Preclinical/Animal Studies: Perfusion Applications
	1609 Preclinical/Animal Studies: fMRI Applications
	1610 Preclinical/Animal Studies: Development of Models
	1611 Preclinical/Animal Studies: Methods
	1612 Preclinical/Animal Studies: Other Research