Section I (10:20–11:50)	
Novel Chip Designs for Biomedical Sensing and Smart Biomedical Devices	
A-002	Wireless-Powered Biphasic Current Neuro Stimulator with Power Detection Function
A-007	A microfluidic single-bacterium encapsulation and phenotypic testing to facilitate strain isolation and selection
A-012	Construction of a Highly Conductive NiHCF/AuCNT–PEG Composite Electrode for Biosensing Applications
A-016	Design of CMOS Analog Front-End (AFE) Amplifier for Parkinson's disease SoC Application

Section II (14:00–15:20)	
Novel Chip Designs for Biomedical Sensing and Smart Biomedical Devices	
A-018	A Modular Platform Integrating Patterned GelMA Hydrogels and Oxygen-Sensing Chips for Decoupled Cell Culture and On-Demand Respiration Monitoring
A-020	Thermoelectric-Powered Microneedle Sensor for Continuous Interstitial Glucose Monitoring
A-021	Implementation and Verification of a Stimulator with Modular Circuitry for Temporal Interference Stimulation
A-022	The LC Resonator with Switched-Capacitor Tuning for Wireless Transmission of Power and Bidirectional Data within the ISM-band
A-023	Biodegradable Biotic Hydrogel Cortical Surface Electrode for Enhanced Diagnosis and Treatment of Ischemic Stroke

Section III (15:40–17:00)	
Novel Chip Designs for Biomedical Sensing and Smart Biomedical Devices	
A-026	Self-powered Microfluidic-based Sensor for Noninvasive Sweat Analysis
A-027	Adaptive Wide Dynamic Range CT-DSM for Levodopa Detection
A-028	Wireless-Powered Electrical Stimulator for Implantable Medical Applications: A Battery-Free Approach
A-029	A Reconfigurable Wireless Power Receiver for NFC-Powered Battery-Less Wearable Devices
A-031	Smart Sensing Technologies for Bioanalytics and Biomanufacturing

Section IV (09:50–11:30)	
Novel Chip Designs for Biomedical Sensing and Smart Biomedical Devices	
A-032	A 915 MHz Reconfigurable Rectifier for RF Energy Harvesting in Self-Sustained Biomedical Sensing
A-033	Microneedle Tyrosinase Sensor Based on Phenylboronic Acid-Functionalized Pt-Loaded Mesoporous SiO_2 Nanorods for Early Melanoma Detection
A-035	Development of a Clinically Reliable Platform for Noninvasive Sweat Glucose Sensing
A-036	Nanobrush Biosensors for Rapid Electrical Diagnosis and Stage Differentiation of Neurodegenerative Diseases in Blood Plasma
A-038	Nanostructured Biosensors for Rapid Detection of Swine Diseases