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[P1325]	Implementation of a Multi-Channel UART Controller Based on FIFO Technique and FPGA	2633
[P1323]	Design of a Multiplex Data Collecting Controller Based on FPGA	2639
[P1324]	Design of a SoC Chip for Appliance Control Based on Home Network	2644
[P1326]	A Study on Fingerprint Repair Algorithm	2649
<b>FrD4</b>	<b>Instrumentation of Transportation Electronics</b>	
[P0603]	A Wearable Acceleration Sensor System for Gait Recognition	2654
[P0675]	Polarimetric Monopulse Radar Intelligent Emulator	2660
[P0112]	Design and Implementation of MVB Controller Using SOPC Technology	2666
[P0235]	Information Fusion System with Wireless Transmission for Monitoring the Status of Driver	2670
[P0553]	A Wireless Localization Method Used in Coal Mine	2674
<b>FrD5</b>	<b>Invited Session: Intelligent System Control</b>	
[P1318]	A Bus Protocol Application in the Network Based AC Servo System	2679
[P1322]	Application of Virtual Reality Technique to Real-Time Control System	2686
[P1321]	Learning Technique for TSK Fuzzy Based on Cooperative	2691
[P1319]	A New Method of Fault Diagnosis for High-Voltage Circuit-Breakers Based on Hilbert-Huang Transform	2697
[P1320]	Robust $H_{\infty}$ Fault-Tolerant Control for Uncertain Linear System based on Pole Assignment	2702
<b>FrD6</b>	<b>Signal Processing II</b>	
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[P0968]	Phase Information at Tooth Mesh Frequency for Gear Crack Diagnosis	2712
[P1184]	Anti-Full Polarization Active Jamming	2718
[P0733]	Signal Acquisition and Processing of Heart Rate	2723
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[P0596]	An Arbitrary Waveform Generator for Switch-Linear Hybrid Flexible Waveform Power Amplifier	2732
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[P1313]	Cloud Detection in Satellite Images Using an Immune Antibody Coding Algorithm	2748
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[P1344]	Asymmetric Cold Rolling of Thin Strip with Roll Edge Kiss	2781
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[P0537]	Backstepping-Based Adaptive Attitude Stabilization of a Spacecraft	2802
[P1242]	Adaptive Open-Loop Control of Magnetic Bearings to Offset Slew Rate Limitation under a Non-Synchronous External Disturbance	2807

**FrDP Interactive Session IX**

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#### WeDP Interactive Session II

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#### FrBP Interactive Session VII

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#### FrC9 Robust Control II

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#### FrA2 Adaptive and Intelligent Control II

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#### ThD7 Power Converter Applications

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