| 3-Dec | | |
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| **Time/Location** | **Meeting Room 6** | **Meeting Room 9** |
| 09:30-11:30<br>(Coffee Break<br>10:10-10:30 **Foyer**) | **Tutorial 01**<br>EEG Signal Processing and Machine Learning | **Tutorial 02**<br>From Statistical to Causal Inferences for Time-Series and Tabular Data |
| 11:30-13:00 | Lunch  **(LG Ball Room)** | |
| 13:00-15:00 | **Tutorial 03**<br>Human-Centric RF Sensing: Pose Estimation, ECG Monitoring and Self-Supervised Learning | **Winter School**<br>**Part 1:** Overview of Neural Network AI<br>**Part 2:** Hopfield Neural Network Fundamental for Machine Learning |
| 15:00-15:30 | Coffee Break **(Foyer)** | |
| 15:30-17:30 | **Tutorial 04**<br>Emerging Topics for Speech Synthesis: Versatility and Efficiency | **Winter School**<br>**Part 3:** Deep Learning for Image forensics<br>**Part 4:** Generative Modeling and Learning for Conversational AI |
| 17:30-20:00 | Welcome Reception  **(LG Ball Room)** | |

| 4-Dec | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Time/Location | Meeting Room 6 | Meeting Room 8 | Meeting Room 9 | Meeting Room 1 | Meeting Room 2 | Meeting Room 3 | Meeting Room 4 | Meeting Room 5 | Meeting Room 10 | Foyer |
| 09:00-09:40 | Opening Ceremony & Invited Talk for the APSIPA Sadaoki Furui Prize Paper Award **(Merged Room 16+17)** | | | | | | | | | |
| 09:40-10:40 | **Keynote Speech I: "Rate-Distortion Optimization in Video/Image Compression: From Temporal Dependency Formulation to Learning-based Modeling" (Merged Room 16+17)** | | | | | | | | | |
| 10:40 - 11:00 | Coffee Break **(Foyer)** | | | | | | | | | |
| 11:00-12:20 | Audio Processing **(84, 111, 115,116)** | Biomedical Signal Processing and Systems **(77, 107, 130, 136)** | Machine Learning and Data Analytics **(17, 57, 62)** | Machine Learning and Data Analytics **(171, 209, 211, 56)** | Machine Learning and Data Analytics **(240, 323, 385, 386)** | Image, Video, and Multimedia **(44, 53, 58, 66)** | Signal and Information Processing & Systems **(51, 74, 86, 88)** | Speech and Language Processing **(26, 29, 37, 54)** | Speech and Language Processing **(55, 78, 79)** | Poster **(25, 32, 39, 229, 59, 63, 65, 75, 83, 189, 195)** |
| 12:20-14:00 | [TC1] TC Meeting (SPS) | [T02] TC Meeting (MSF) | [TC3] TC Meeting (BioSiPS) | [TC4] TC Meeting (SLP) | [TC5] TC Meeting (AA) | [TC6] TC Meeting (WCN) | [TC7] TC Meeting (IVM) | Lunch ( LG Ball Room ) | | |
| 14:00-16:00 | Audio Processing **(145, 153, 203, 212, 218, 214)** | Biomedical Signal Processing and Systems **(140, 161, 221, 255, 302, 339)** | Best Student Paper Competition **(192, 460, 433, 333, 125)** | Industrial Forum | Multimedia Security and Forensics **(34, 48, 49, 186, 315)** | Image, Video, and Multimedia **(90, 122, 131, 138, 495)** | Signal and Information Processing & Systems **(100, 109, 124, 133, 143)** | Speech and Language Processing **(80, 82, 97, 110, 120)** | Speech and Language Processing **(126, 146, 147, 162, 163)** | Poster **(89, 98, 99, 102, 108, 112, 113, 117, 204, 144, 206, 150, 157,181)** |
| 16:00-16:20 | Coffee Break **(Foyer)** | | | | | | | | | |
| 16:20-18:00 | Audio Processing **(230, 235, 243, 246, 277)** | Biomedical Signal Processing and Systems **(370, 398, 466, 431, 456)** | Best Paper Competition **(159, 382, 85, 172, 50)** | Overview Session | Multimedia Security and Forensics **(359, 360, 417, 434, 505)** | Image, Video, and Multimedia **(193, 219, 238, 247,496)** | Signal and Information Processing & Systems **(170, 173, 149, 217, 225)** | Speech and Language Processing **(184, 190, 200, 118, 237)** | Speech and Language Processing **(239, 244, 249, 274, 301)** | Poster **(160, 164, 167, 177, 188, 194, 216, 222)** |
| 18:00-20:00 | BoG Meeting **(Meeting Room 19)** | | | | | | | | | |

| Time/Location | Meeting Room 6 | Meeting Room 8 | Meeting Room 9 | Meeting Room 1 | Meeting Room 2 | Meeting Room 3 | Meeting Room 4 | Meeting Room 5 | Meeting Room 10 | Foyer |
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| **5-Dec** | | | | | | | | | | |
| 09:00-10:00 | Keynote Speech II: Learning from Unreliable Sources via Crowdsourcing" (Merged Room 16+17) | | | | | | | | | |
| 10:00-10:20 | Coffee Break **(Foyer)** | | | | | | | | | |
| 10:20-12:00 | Audio Processing (284, 288, 290, 296, 309) | Overview Session | Emerging Technologies and Applications Of Image Processing And Computer Vision (45, 46, 47, 95, 166) | Advanced Topics on Sound Event and Scene Analysis (52, 158, 380, 406, 424) | Recent Advances in Multimedia Enrichment and Security (123, 198, 202, 207, 208) | Image, Video, and Multimedia (252, 253, 269, 271, 295) | Signal and Information Processing & Systems (226, 231, 260, 273, 307) | Speech and Language Processing (320, 326, 342, 350, 361) | Advanced Signal Processing for Information Collection and Data Analysis in Wireless Environmental Sensing (105, 142, 199, 279, 303) | Poster (228, 248, 245, 262, 265, 266, 272, 283, 286) |
| 12:00-14:00 | APSIPA Women Forum | Lunch **(LG Ball Room)** | | TC Chair Meeting | Lunch **(LG Ball Room)** | | | | | |
| 14:00-15:20 | Audio Processing (331, 347, 362) | Audio Processing (363, 378, 383, 400) | High Performance Image and Video Processing and Applications (92, 215, 258, 280) | New Frontiers in Biometric Authentication (220, 453, 317, 409) | Recent Advances in Multimedia Enrichment and Security (210, 227, 233, 251) | Image, Video, and Multimedia (297, 300, 305, 330) | Signal and Information Processing & Systems (318, 328, 340, 376) | Speech and Language Processing (388, 402, 404, 407) | Advancements in Biosignal Decoding and Neuromodulation for Human Function Enhancement (72, 178, 256, 259, 476) | Poster (287, 298, 308, 314, 319, 321, 324, 329, 334) |
| 15:20-15:40 | Coffee Break **(Foyer)** | | | | | | | | | |
| 15:40-16:40 | Keynote Speech III: "AI and Cognitive Health" (Merged Room 16+17) | | | | | | | | | |
| 16:40-18:00 | Audio Processing (408, 412, 419, 425) | Audio Processing (446, 478, 470, 487) | High Performance Image and Video Processing and Applications (345, 349, 368, 440) | Wireless Communications and Networking (344, 381) | Recent Advances in Multimedia Enrichment and Security (257, 263, 267, 336) | Image, Video, and Multimedia (337, 341, 364, 490) | Signal and Information Processing & Systems (397, 414, 442) | Speech and Language Processing (415, 435, 438) | Advancements in Biosignal Decoding and Neuromodulation for Human Function Enhancement (270, 365, 373) | Poster (352, 353, 366, 396, 389, 391, 393, 401, 338, 413) |
| 18:00-21:00 | Banquet **(Merged Room 16+17+18)** | | | | | | | | | |

| 6-Dec | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Time/Location | Meeting Room 6 | Meeting Room 8 | Meeting Room 9 | Meeting Room 1 | Meeting Room 2 | Meeting Room 3 | Meeting Room 4 | Meeting Room 5 | Meeting Room 10 | Foyer |
| 9:00-10:20 | Signal Processing for Drone Audition & Recent Advances in Intelligent Signal Processing (**128, 180, 278, 292, 294**) | Converging AI and Computer Vision: Innovations and Potential (**104, 175, 205, 254**) | AI-Driven Innovations in Cybersecurity Advanced Applications in Signal Processing, Multimedia Security, and Privacy (**106, 241, 261, 327**) | Embedded and Real-Time Systems for AI and Signal Processing Applications (**71, 165, 304, 311**) | Selected Papers from APSIPA Workshop on Advanced Signal and Information Processing (**41, 42, 43, 94**) | Image, Video, and Multimedia (**372, 410, 428, 451**) | Acoustic Scene Analysis and Signal Enhancement Based on Advanced Signal Processing and Machine Learning (**127, 155, 168, 355**) | Speech and Language Processing (**441, 444, 449, 452**) | Overview Session | Poster (**427, 432, 436, 437, 439, 443, 445, 450, 223, 481**) |
| 10:20-10:40 | Coffee Break **(Foyer)** | | | | | | | | | |
| 10:40-12:00 | Signal Processing for Drone Audition & Recent Advances in Intelligent Signal Processing (**411, 430, 457,387**) | Converging AI and Computer Vision: Innovations and Potential (**282, 354, 357, 371**) | Multimedia Processing Systems in the AI Era (**291, 293, 374, 405**) | Embedded and Real-Time Systems for AI and Signal Processing Applications (**312, 343, 375, 394**) | Selected Papers from APSIPA Workshop on Advanced Signal and Information Processing (**121, 132, 134, 135**) | Image, Video, and Multimedia (**455, 462, 489**) | Advanced Topics for Automatic Speakers Recognition (**67, 332, 467**) | Speech and Language Processing (**468, 483, 485**) | Few-shot Vision, Language, and Multimedia Processing under LLMs (**176, 448, 465, 492**) | Poster (**458, 461, 429, 469, 471, 473, 464, 493**) |
| 12:10-13:30 | APSIPA General Assembly & Closing Ceremony **(Merged Room 16+17)** | | | | | | | | | |