Scope. Papers that are, or might be, related to any aspects of the Complex-Valued Neural Networks (CVNNs) are invited. The organizers welcome contributions on theoretical advances as well as practical applications. They also expect interdisciplinary contributions from other areas. Topics include, but are not limited to:

- Theoretical Aspects of CVNNs and Complex-Valued Activation Functions
- Learning Algorithms for CVNNs
- Complex-Valued Associative Memories
- Pattern Recognition, Classification and Time Series Prediction using CVCNNs
- CVNNs in Nonlinear Filtering
- Dynamics of Complex-Valued Neurons
- Learning Algorithms for CVCNNs
- Chaos in Complex Domain
- Feedforward CVCNNs
- Spatiotemporal CVNNs Processing
- Frequency Domain CVNNs Processing
- Phase-Sensitive Signal Processing
- Applications of CVNNs in Image Processing, Speech Processing and Bioinformatics
- Quantum Computation and Quantum Neural Networks
- CVNN in Brain-Computer Interfaces
- CVNNs in Robotics
- Quaternion and Clifford Networks

Organizers:
(Members of IEEE CIS NNTC CVNN-TF [http://www.eis.t.u-tokyo.ac.jp/news/NNTC_CVNN/] )

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