The 14ᵗʰ CCF TCArch Biennial Conference on
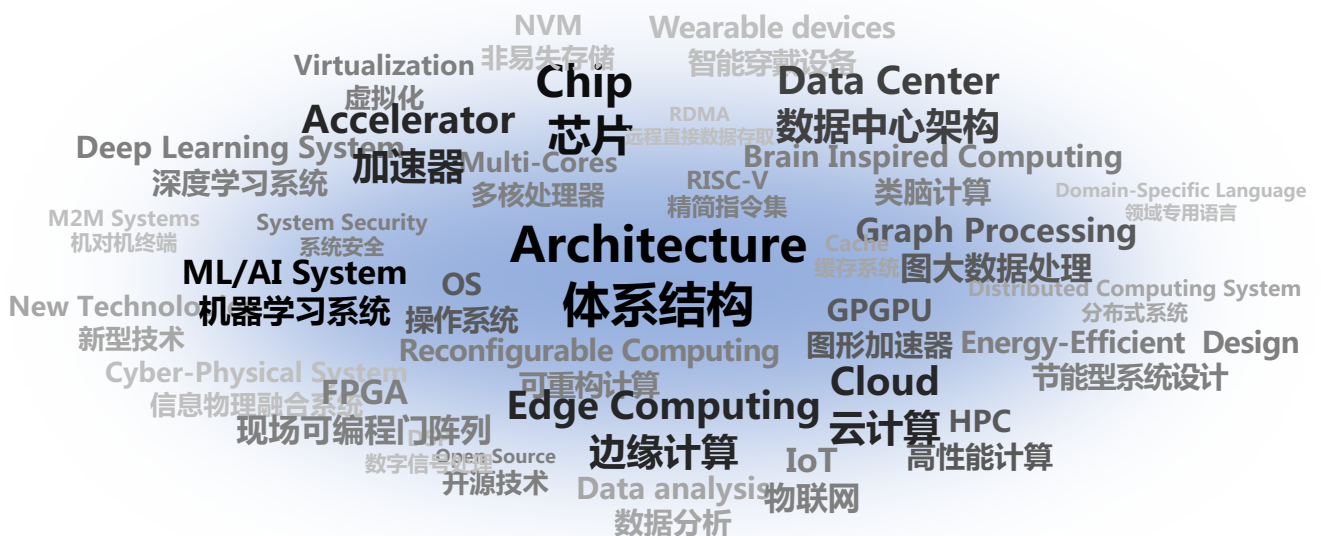# Advanced Parallel Processing Technology (APPT-2021)

APPT

APPT is a ***flagship biennial international conference*** of the China Computer Federation (CCF) Technical Committee on Computer Architecture (TCArch). It has become the major forum for Chinese computer architects and system designers to better engage with international colleagues, develop better mutual understanding, and build stronger academic ties. It aims to provide an ideal environment for researchers in both academia and industry to present thought-provoking ideas related to all aspects of computer architecture. The 2021 APPT conference is scheduled to be held ***outside of China, in summer 2021***.

JCST

This year, APPT will adopt a ***journal-centric publication model***, which means that the manuscript review process for the conference is outsourced to a journal (JCST). Journal of Computer Science and Technology (JCST) is the first English Language Journal of computing technology published in China. Being a ***highly respected journal (CCF Rank-B)***, it is distributed throughout the world and covered in many authoritative indexing/abstracting systems. The impact factor of JCST is 1.185 in 2018. Upon acceptance, at least one author of the paper must register and present on APPT.

Topics of Interest

NVM 非易失存储　Wearable devices 智能穿戴设备　Virtualization 虚拟化　Chip 芯片　Data Center 数据中心架构　RDMA 远程直接数据存取　Accelerator 加速器　Deep Learning System 深度学习系统　Multi-Cores 多核处理器　RISC-V 精简指令集　Brain Inspired Computing 类脑计算　Domain-Specific Language 领域专用语言　M2M Systems 机对机终端　System Security 系统安全　Cache 缓存系统　Graph Processing 图大数据处理　Architecture 体系结构　ML/AI System 机器学习系统　OS 操作系统　GPGPU 图形加速器　Distributed Computing System 分布式系统　New Technology 新型技术　Reconfigurable Computing 可重构计算　Energy-Efficient Design 节能型系统设计　Cyber-Physical System 信息物理融合系统　FPGA 现场可编程门阵列　Edge Computing 边缘计算　Cloud 云计算　HPC 高性能计算　Open Source 开源技术　Data analysis 数据分析　IoT 物联网

Preliminary Calls

- There are four submission opportunities in a year:
  Mar 30 (Spring), **Jun 30** (Summer), **Sep 30** (Fall), **Dec 30** (Winter)
- Key advantages of submitting your work to APPT:
  Journal Impact, Timely Review, PC Shepherding, Conference Talk, Paper Award, and more!

APPT/JCST: Guidelines

How to Contribute:

Papers must be submitted electronically in printable pdf format via JCST (http://jcst.ict.ac.cn/EN/column/column107.shtml). We will provide special submission lanes and detailed instructions for APPT 2021 submission on JCST website. Please be prepared !

Important Dates:

To participate in APPT 2021, papers must be submitted to APPT/JCST before March 30th ,2021. Authors can freely choose any of the following deadlines.

- **Spring 2020:** March 30th , 2020 UTC+8
- **Summer 2020:** June 30th , 2020 UTC+8
- **Fall 2020:** September 30th , 2020 UTC+8
- **Winter 2020:** December 30th , 2020 UTC+8
- **Spring 2021:** March 30th , 2021 UTC+8

Review/Publication Policies:

Papers are reviewed by APPT 2020 program committees (PC) and external program committees (if necessary) invited by JCST. There are three possible outcomes from the first round of submission: 1) Accept with minor revision; 2) One-shot major revision; 3) Reject. This is similar to the reviewing process of a computer science journal. Rejected papers may not be resubmitted within 12 months of the initial submission of the work. Upon acceptance, papers will be immediately scheduled for early publication (online) in JCST before the conference.