|  |  |  |
| --- | --- | --- |
| **Dimension#** |  | **code** |
| **2.APPL** | VideoStreaming  HealthCare  SmartEnergy  IIoT  IoT  SmartCity  WeatherForecast  Drones  CrowdSourcing  MobileComputing  5G  6G  SmartTransport  SupplyChain  ECommerce  SmartFarm  SmartWater  Surveillance  SmartCameras  SmartHome | VSS  HCA  SEN  IIT  IOT  SCI  WEF  IOD  CSO  MCO  5G  6G  ITS  SCH  ECO  SAG  SWA  SUR  SCA  SHO |
| **3.PROB** | DataSharing  DataTrading  Performance  Trust  Privacy  Security  Transparency  Reliability  Scalability  Incentivization  Programmability  Experimentation  DataProvenance  DataRecovery | DS  DT  PF  TR  PR  SE  TP  RL  SC  IC  PG  EX  DP  DR |
| **4.CONT** | Model  Framework  Platform  Architecture  Methodology  Algorithm  Protocol  SoftwareArtifact  Service  Mechanism | MO  FR  PL  AR  ME  AL  PR  SA  SE  MS |
| **5.AIME** | Reinforcement  Federated  Unsupervised  Supervised  Heuristic  Metaheuristic  Matching  Reasoning | REL  FEL  USL  SUL  HEU  MET  MAT  FUZ |
| **6.SECU** | Authentication  Encryption  AccessControl  Verifiability  TrustManagement  Credibility  Integrity  Availability  Immutability  Confidentiality  Authorization  NonRepudiation | ATH  ENC  ACC  VRF  TRM  CRB  INT  AVL  IMT  CON  AUT  NRD |
| **7. PRIV** | Anonymity  DiffPrivacy  OPRF  Encryption  PSI  HomoEncryption  RingSignature  ZeroKnowlProof  Pseudonymity  BlindSignature  SecretSharing  AutoEncoder  HybridIdentity | ANM  DFP  OSF  ENC  PSI  HME  RNG  ZKP  PSA  BLS  SSH  AEC  HID |
| **8.ALL**  **O** | Trading  Offloading  Balancing  Placement  Scaling  Scheduling  Matching | TRD  OFD  LBL  SPL  ASL  SCH  MTC |
| **9.METR** | CompDelay  Throughput  SecurityVulner  Latency  GasConsumption  UtilSocialWelfare  ConvergeSpeed  CommCost  CompCost  Accuracy  PowerConsumption  EnergyConsumption  CommUtil  CompUtil  StorageUtil  Reliability  Availability  Precision  Recall  F1Score  StorageCost  FailureCost  Privacy  LinesOfCode  Reputation  WinningRate  Scalability  Jitter | DLY  TRP  SVL  LTY  GSC  USW  CSP  CMC  CPC  ACC  PWC  ENC  CMU  CPU  STU  RLB  AVA  PRC  RCL  F1S  STC  COF  PRV  LOC  RPT  WRT  SCL  JTR |
| **11.TECH** | IPFS  RFID  CellularNet  MEC  Docker  InfluxDB  5G  6G  WiFi  Bluetooth  Zigbee  ANT  NFC  IntelSGX  SDN  NFV  LightNet  ETHTestnet  Redis  OpenStack  CouchDB  Kafka  BigchainDB  GoETH  RaspberryPi  Cassandra  Nodejs  Mininet  REST  Arduino  NodeRED  iFogSim  Brain4Net  EdisonSoC  Wireshark  Jolinar  GPS  Contiki  OPNET  GMapAPI  Chainlink  NS3  Postman  BlackPill  HealthShield  JMeter  OpenThread  Avispa  Onos  Prometheus  NOMA  RoF  SQLite  FreeStyleLib  OrbitDB  Ganache  OneSwarm  RemixIDE  JetXavNx  CIDDS  Postgresql  VRHeadset  Robot  OMNet  SQL  MySQL  SUMO  K8S  LevelDB  JMTSim  FoBSim  JetsonNano  ZooKeeper  Caliper | IPF  RFD  HNT  MEC  DKR  IFD  5G  6G  WFI  BLT  ZBE  ANT  NFC  SGX  SDN  NFV  LNK  REN  RDS  OPS  CDB  KFK  BCD  GEM  RPI  CAS  NJS  MNT  RST  ARD  NRD  IFS  BRN  IES  WSK  JLR  GPS  CKI  OPN  GMP  CLK  NS3  PSM  BPL  eHS  AJM  OTN  AVA  ONS  PRS  NMA  ROF  SQL  AFL  ODB  GNC  OSW  RMX  UAV  CID  PSL  VRH  RBT  OMN  SQL  MSQ  SUM  KUB  LVD  JMT  FOS  NVD  ZKP  HLC |
| **15. SUST** | NoPoverty  ZeroHunger  HealthWellbeing  EducationQuality  GenderEquality  WaterSanitation  Energy  WorkEconomic  IndustryStructure  ReducedInequality  SustainableCity  ResponsibleConsProd  ClimateAction  LifeBelowWater  LifeOnLand  PeaceJustice  GlobalPartnership | NPR  ZHU  GHW  EDU  GEW  CES  ACE  DWE  IND  IAC  SCC  RPC  CLA  LBW  LOL  PJI  GPS |
| **17.COMM** | MQTT  VANET  TLS  M2M  CAN  OFDM  SoAP  CoAP  SCOOL  IE1609.2  IE802.11  RTS  gRPC  WiMAX  3GPP  IE802.15  LTE-A  OpenFlow  LoRa  OPC  IE802.15.6 | MQT  VNT  TLS  M2M  CAN  OFD  SAP  CAP  SCL  IE2  WFI  RTS  GRC  WMX  GPP  IE5  LTA  OFW  LOR  OPC  IE5 |
| **18. EVAL** | Implementation  Simulation  Testbed  FormalVerification | PIM  SIM  TES  FVE |
| **19.BLOC** | HLG  Ethereum  Bitcoin  Monero  RecordChain  MicroChain  Cosmos  FISCO  Tangle  TrustChain  IOTA  MultiChain  NaiveChain  EOSChain  LiTiChain  XuperChain  VeChain | HLG  ETH  BTC  MNR  RCC  MCR  CSM  FSC  TNG  TRC  IOC  MLC  NVC  EOS  LCH  XPC  VCH |
| **20. CONS** | P.Work  ByzFaultTol  AsynByz  FastByzPax  RAFT  Ripple  P.Stake  P.Authority  P.ElapsTime  CollectSign  P.Compliance  P.Space  P.PUFs  P.Credit  DelegConsen  P.QoSDAG  VotChainFinality  P.Reputation  P.Collaboration  EdgeWatch  P.Trust  P.Existence  P.Learning  P.Efficiency  Tendermint  P.Service  HotStuff  P.UsefulWork | PoW  BFT  ABA  FAB  RFT  RIP  PoS  PoA  PET  CSC  PCM  PSP  PPU  PoC  DCA  PoQ  VCF  PoR  PCL  EDW  PoT  PoE  PoL  PEF  TDM  PSR  HST  PUW |