## **HIGHLIGHTS IN (COMPUTE) HISTORY**

1950 1960 1970 1980 1990 2000 2010 2020 0 0 1957 1961 1970 1981 1991 2002 2013 2021 mainframe time sharing "computation as a public Virtualisation software IBM launches the PC CERN released the World Mechanical Turk (mTurk) FUGA's first taste of **FUGA launches AMS2** utility" - John McCarthy Wide Web (WWW) OpenStack 1971 1982 2003 **2022** coming up: 1963 first email sent Microsoft MS-DOS 1991 Amazon Web Services 2014 Docker - Container services "intergalictic computer Virtual Private Networks public cloud was launched ... FUGA's EMK network" - JCR Licklider 1984 1973 (VPNs) on public cloud (Enterprise Managed Macintosh first computer IBM Virtual Machine (VM) 2008 Kubernetes) Google release GCP & 1969 2015 1995 Amazon & eBay founded ARPANET launch 1974 1985 **FUGA launches R1** Google App Engine ... FUGA DaaS Microsoft founded Microsoft Windows 1.0 (Database as a Service) 1997 2009 2015 Cloud computing is defined Edge computing proposed Google VMs 1976 ... FUGA FRA region by Prof. Ramnath Chellappa Apple computer founded 2010 2016 Google Cloud Functions Microsoft Azure available 1977 The Cloud Symbol used Salesforce deliver business 2016 apps (SaaS) Cloud based IoT platforms 2017 NoOps is introduced on a larger scale 2019 Cloud based virtual augmented and mixed reality 2019 **FUGA launches AMS1**