



# OCP

FUTURE  
TECHNOLOGIES  
SYMPOSIUM

## OCP Global Summit

November 8, 2021 | San Jose, CA

# OCP Future Technologies Initiative

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**Rebecca Weekly**  
**OCP President & Chair of the Board**

# FTI Mission

Build a future-focused Community within OCP to serve as the forward-looking funnel for ideas and technologies 3-5 years in the future.

# Long-term challenges



Security



Sustainability

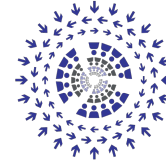


Acceleration

# Organizing OCP FTI



**OPEN**  
Compute Project®



**OCP**  
FUTURE  
TECHNOLOGIES  
INITIATIVE

Industry  
(Developers, Providers, Adopters)

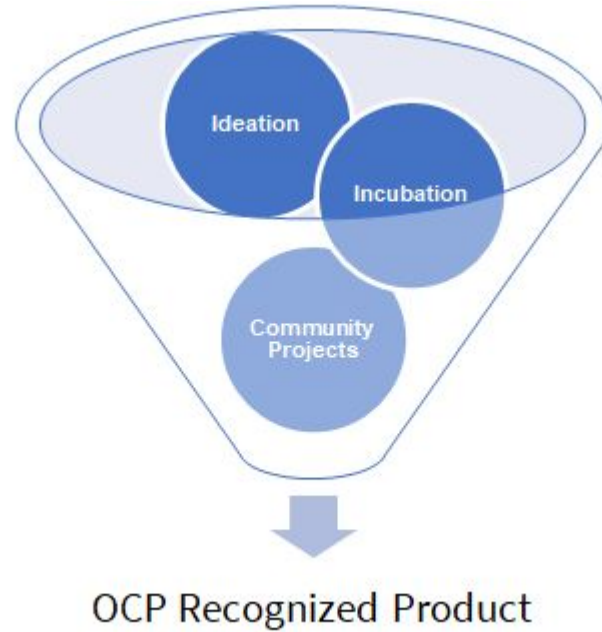
R&D Community  
(Academia, Labs, Startups)

Zenoss (since 2008)	JMI (since 2008)	ADLINK (since 2012)	Alibaba (since 2017)
AMD (since 2012)	Avaya Networks (since 2020)	ARM (since 2018)	AT&T (since 2012)
Baidu (since 2018)	Cumulus Networks (since 2015)	Delta Electronics (since 2016)	Deutsche Telekom (since 2016)
Edgecore Networks (since 2016)	Facebook (since 2011)	Flex (since 2016)	Goldman Sachs (since 2011)
Google (since 2012)	HPE (since 2012)	Huawei (since 2018)	Hye Solutions (since 2012)
IBM (since 2013)	Inspur (since 2016)	Intel (since 2011)	JD.com (since 2018)
Lenovo (since 2010)	Linux (since 2016)	Western (since 2012)	Microsoft (since 2014)
MTC (since 2017)	Nokia (since 2012)	Penguin Computing (since 2012)	QinetiQ (since 2012)
Rackspace (since 2011)	Schneider (since 2014)	Silicom (since 2018)	STORIS (since 2012)
Tencent (since 2018)	Western Digital (since 2017)	Wipro (since 2016)	

Stanford	MIT	San Jose State	Southampton
U of Texas	Smith	Princeton	Deia
UC Berkeley	Northwestern	UC Santa Cruz	QIAU
New Hampshire	TU Wien	Santa Barbara	inFocus
Penn	U of Central FL	Sony	Liquid Brain

Telescent	Lights Labs	University of CO	North Dakota St
U of Dayton	Virginia Tech	Forces Physics	SkyCool
U of Washington	NIST	Columbia	ITRI
AGT	Wakeats	U of Toronto	iqin
Intel	IBM		

# From Idea to Technology Adoption



# How to Engage

- Three formal OCP projects - join now
  - AI HW-SW Co-design
  - Cloud Service Model
  - Software Defined Memory
- Future Technologies Symposium - submit your proposal
  - April 13-14, 2022 in Prague
  - Tunnel of new technologies exposed to the community
  - **Best paper awarded with \$10,000!**

# Our Ask

Future technology trends are divergent, no one company can solve them.

Help us spur innovation to unleash the solutions!





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# OCP

The Open Compute Project is a global Community of engineers established in 2011 whose mission is to design and enable the delivery of the most efficient server, storage and data center hardware designs for scalable computing.

Trends of the future:

- Heterogenous and disaggregated compute
- Solutions growing in complexity
- Need for sustainable, secure and manageable practices

