

# SGI

High Performance Computing  
High Performance Data Analysis

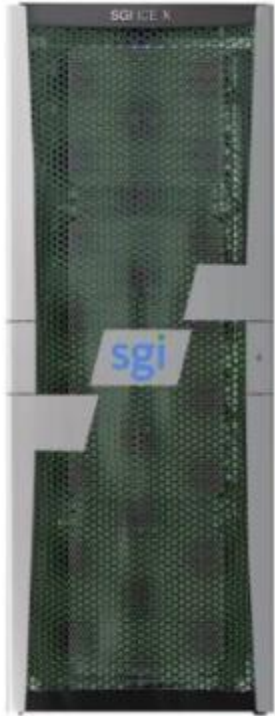
*Accelerate time to discovery, innovation, and  
profitability*

*Marc SIMON  
Directeur Technique  
SGI France  
TERATEC 2015*

sgi

# HPC Solutions – SGI ICE XA

S P E E D – S C A L E – E F F I C I E N C Y



SGI® ICE™  
Integrated  
Cluster

- ICE – 6ème génération : **45 Pflops**
- SPEED
- SCALE
- EFFICIENCY



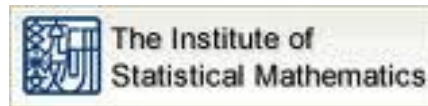
# HPDA Solutions – SGI UV

MEMOIRE PARTAGEE – PERFORMANCES – FACILITE



*The Big Brain  
Computer*

- 7<sup>ème</sup> génération – 116 Brevets – 20 ans d'expertise dans le « In-memory computing »
- Record : 64 TB / 4096 cores
- Gamme complète : Compute ou Data intensif
- Simplicité d'usage et d'administration
- Plus de 1000 systèmes en production



# HPC – HPDA

## I N N O V A T I O N S – C O N V E R G E N C E S

- **SGI UV FLASH**
  - 128 TB / 30 M IOPS / 200 GB/s (In-place Data Analysis)
- **SGI UV Lustre**
  - Multi-rail IB et client optimisé
- **Intel IEEL Lustre HSM / SGI DMF**
  - Intégration HPC – Archive – Cloud Storage
- **« Burst Buffer »**
  - Appliance et/ou distribué
- Cold Storage, de-cluster RAID, HPC Cloud ....

# Leadership Recognition

HPCwire Ranks  
SGI #1 Vendor  
to Watch...**AGAIN**



SGI Receives 7 Readers' and Editors' Choice Awards for Outstanding Achievements in Science and Technology

