



HPC Certification Program

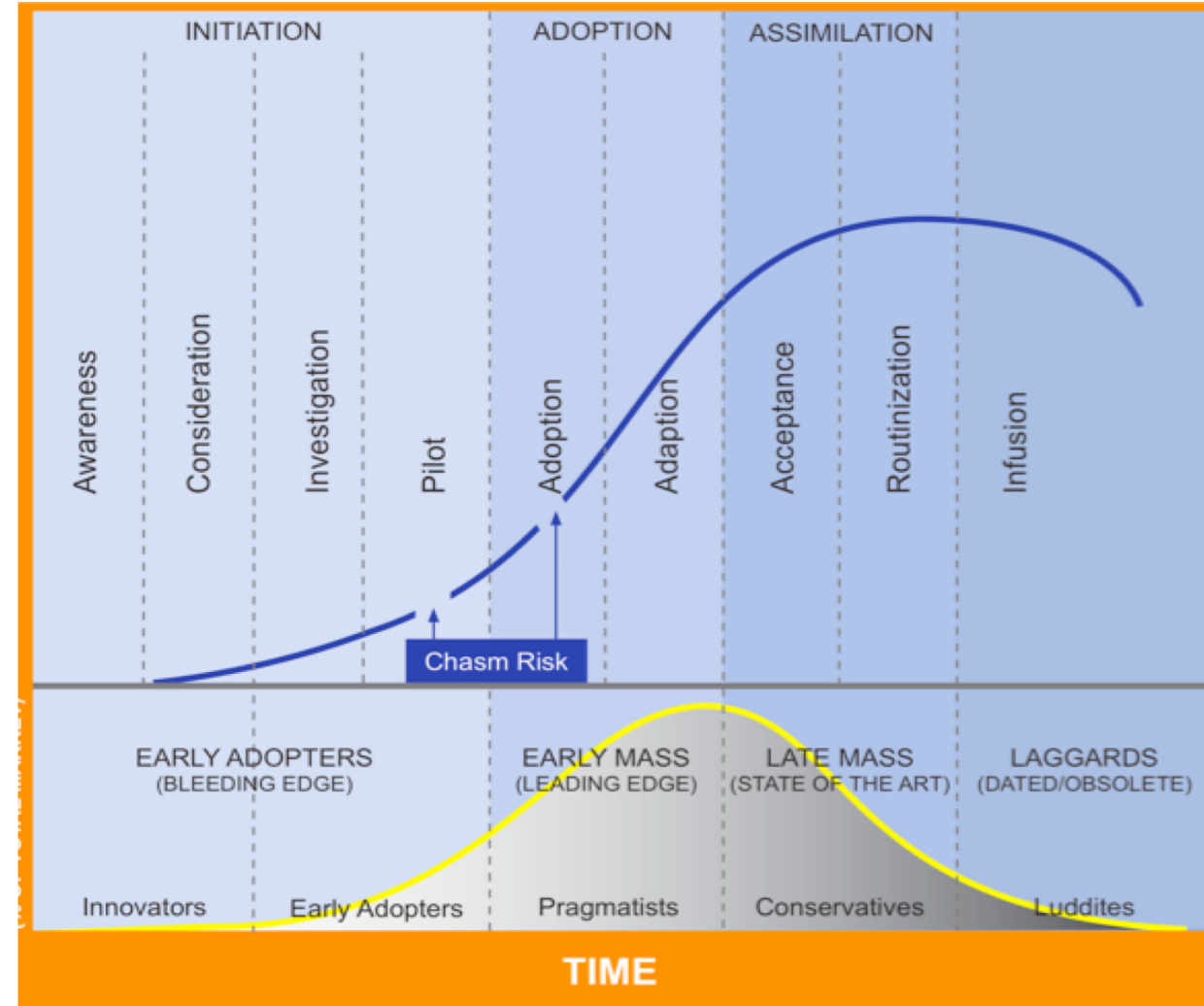
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HPC Certification Program?

- ▶ **HPC innovation pace is extreme**
 - New technologies arrive every SC!
- ▶ **HPC scale is extreme**
 - 1 million processing unit: seriously?
- ▶ **HPC is a pillar of sciences**
 - Many sciences, many backgrounds
- ▶ **HPC is not taught enough**
 - Few dedicated University tracks



Being involved in a HPC Certification Program?

- ▶ **Compliant with a Solution oriented company**
 - Delivering peak performance is only part of the game
- ▶ **Increase efficiency of HPC systems**
 - Address the gap between peak and sustained performance
- ▶ **Capture pain points from the field and deliver user friendly solutions**
 - Difficult to guess what end-user will like/dislike
- ▶ **Maximize end-user awareness on HPC technologies**
 - promote our added value and technical leadership

DDN | Use of the HPC Environment



- ▶ **Operate in parallel from a practical stand point**
 - Toolbox to navigate in large system
- ▶ **Guidelines and good practices**
 - Learn from other mistakes :-)
- ▶ **Help user to identify on new / reliable / obsolescent technologies**
 - Allow a rational investment depending on their needs

HPC Certification Program

- ▶ **DO NOT Take-Away!!**
 - holistic HPC course
- ▶ **Take-Away:**
 - **Pareto crash course**
 - Get 20% to do 80%





READY PLAYER ONE?

