

PEDCA Data Centre Essentials Training Programme

Dates:

Delft University of Technology - Tuesday 8th April 2014

Goethe University Frankfurt - Thursday 22nd May 2014

COST: FREE

Content overview

09:30 – 10:00 Registration

10:00 – 10:50 Session 1: Welcome & Introduction

- What is a data centre?
- The importance of data centres & Europe's leading position

10:50 – 11:40 Session 2: Components of Data Centres

- Facility / M&E
 - o Physical Security
 - o Location requirements (ISP, Power, Planning Permissions, etc.)
 - o Power infrastructure and redundancy
 - o Cooling & ASHRAE
 - o Energy Consumption

11:40 – 12:00 **BREAK**

12:00 – 12:50 Session 3: IT

- o Servers & Racks
- o Network & wiring
- o Cloud and virtualization

12:50 – 14:00 **LUNCH**

14:00 – 14:50 Session 4: Types of Data Centres

- Discuss the technical and business differences

14:50 – 15:40 Session 5: The Environment of Data Centres

- CoC & Standards
- Energy efficiency
- Environmental certification

15:40 – 16:00 BREAK

16:00 – 16:50 Sessions 6: Data centre careers

- Types of jobs & skillsets
- Progression options
- Training and certification

16:50 – 17:40 Session 7: Interactive Panel Discussion

- Career examples and case studies

17:40 – 17:50 WRAP UP

18:00 – 20:00 SOCIAL RECEPTION & issuing of Certificates