# Systems Engineering Tutorial



CMMI Conference Denver, Colorado 2004



## Welcome

WelKom

Huan Yin

Bienvenido

.onvenue

Wilkommen

ΚΑΛΟΣ ΟΡΙΣΑΤΕ

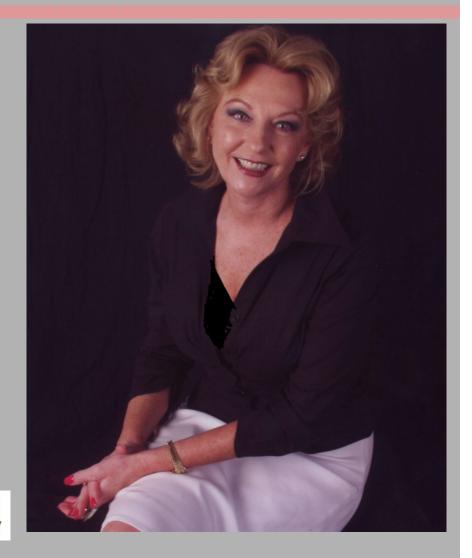
Bienvenuto

Välkommen

Tervetuloa

Witamy

ברוכים הבאים





#### Introductions







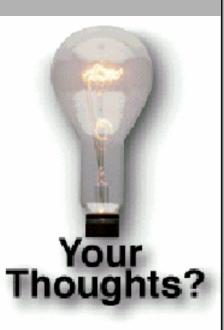
# **Logistics - 1**



## Logistics - 2









### **Tutorial Objectives**

- ◆By the end of this course, you will be able to
  - A Have a better understanding of Systems Engineering and Systems Management
  - Understand the roles and responsibilities of Systems Engineers
  - Utilize standard processes for engineering a system
  - Se able to choose an appropriate lifecycle to guide systems development on a project
  - Understand the recursive nature of requirements development



#### **Tutorial Objectives - 2**

- Develop feasible functional, physical, and implementation architectures
- Understand the importance of interface development, management and control
- Understand key concepts, activities and techniques for identifying and estimating risks
- Choose an integration strategy for the receipt, assembly, and evaluation of the product components that make up the final product

#### Schedule

