

Identification Number:....

Date: / /

## Questionnaire 2

### Personality Test

Thank you for participating in this study which evaluates technical training in complex systems thinking.

We remind you that participating in this study is anonymous.

The study is over the course of two days and involves several components. To begin, we have some questions about yourself.

On a scale of 1 to 5 where 1 is highly disagree and 5 is highly agree, to what degree do the following statements apply to you? Please read all the statements under each heading before answering.

#### **Yourself:**

- I have a lot of imagination, I can have my own world and still care about the real one

1  2  3  4  5

- I care about other people, I interact a lot with them, I am very interested in social issues

1  2  3  4  5

- I am always focused, I use strategies, I try to keep the control of the situation

1  2  3  4  5

#### **Your interests:**

- I am more likely to prefer concrete things

1  2  3  4  5

- I am more likely to prefer mysterious things

1  2  3  4  5

- I am more likely to prefer artistic things

1  2  3  4  5

- I am more likely to prefer emotional things

1  2  3  4  5

- I am more likely to prefer innovative things

1  2  3  4  5

- I am more likely to prefer usual every day life things

1  2  3  4  5

**When solving problems**

- I mostly depend on my logic when solving problems  
1  2  3  4  5

- I rely on my curiosity when solving problems  
1  2  3  4  5

- I usually use solutions I have used before when solving problems  
1  2  3  4  5

- I generally depend on my intuition and feelings when I solve problems  
1  2  3  4  5

**I am knowledgeable about**

- Physical and environmental science  
1  2  3  4  5

- Humanities  
1  2  3  4  5

- Social issues  
1  2  3  4  5

- News, events  
1  2  3  4  5

More precisely, could you check your background and personal interests in the list below?

mathematics  / astronomy  / geology  / physics  / agronomy  / ecology  /  
biology  / anthropology  / psychology  / journalism  / politics  / history  /  
geography  / Art  / culture  / literature  / languages  / administration  /  
economy  / sport  / community life  / other .....

**Have you done any previous study either formally or informally in areas other than your current ECU degree? (Please list)**

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On a scale from 1 to 10, how much do you think you are curious?

1  2  3  4  5

## Responding to the Environment

- I like to listen a lot when I am interacting with the environment.  
1  2  3  4  5
- I rely almost entirely on visual cues when I am interacting with the environment  
1  2  3  4  5
- I like to touch things as I move around the environment  
1  2  3  4  5

## General Approaches to Problem Solving

- I strongly believe in Science  
1  2  3  4  5
- When faced by a complex problem I usually make a hypothesis and then experiment in order to answer the problem  
1  2  3  4  5
- Simple approaches are best when solving complex issues  
1  2  3  4  5
- I always start work on small parts of a complex problem to solve it  
1  2  3  4  5
- I think that reading is the principal way to learn  
1  2  3  4  5
- I think that computer technology is the key way to solve current problems  
1  2  3  4  5
- I am reluctant to use technology especially to solve complex problems  
1  2  3  4  5
- I think that it is possible for complex problems to be solved by one person  
1  2  3  4  5
- I think that solving a complex problem requires several different solutions  
1  2  3  4  5
- I have had personal experience in dealing with a complex problem  
1  2  3  4  5
- I prefer avoid complex problems if I can  
1  2  3  4  5
- I enjoy solving complex problem  
1  2  3  4  5
- I think that solving complex problems is too demanding for one person do to by themselves  
1  2  3  4  5
- I think that there is limit to understanding complexity  
1  2  3  4  5

- I like to be challenged

1  2  3  4  5

- I am confident enough to face a complex problem by myself

1  2  3  4  5

- I don't really care about complex systems

1  2  3  4  5

### **Predicting Your Performance**

On a scale from 1 to 5, where 1 is not so well and five is exceptionally well, how well do you think you will perform on the chocolate factory game?

1  2  3  4  5

- We would like to thank you for the time you have spent on this part of the experimentation -