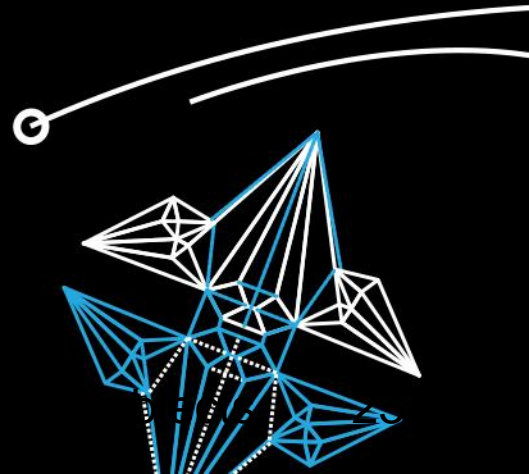
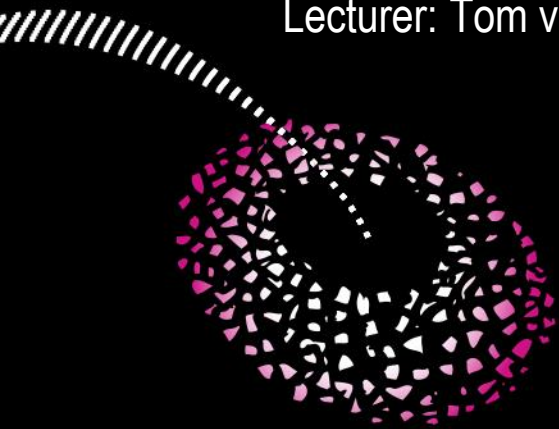
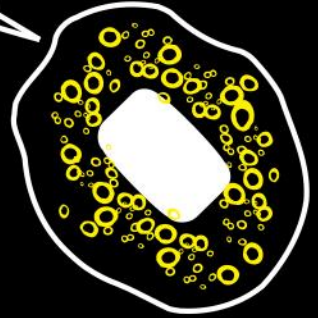


UNIVERSITY OF TWENTE.

The Object object

Topic of Software Systems (TCS module 2)

Lecturer: Tom van Dijk



THE OBJECT CLASS

- All classes are derived from the base class Object
- All classes inherit its methods, for example:
 - **public boolean** equals(Object o) // check for “equality”
 - **public int** hashCode() // compute unique representation (next week)
 - **public String** toString() // create a String representation
- These methods have a default implementation.
- Often it is a good idea to override these inherited methods
 - The default toString() method returns a String that represents the internal reference to the instance: “SomeObjectClassname@hashcodenumber”
 - Usually not very useful, so replace it with a better toString() implementation!
 - Sometimes you don’t want equals to just compare every field, but only some fields