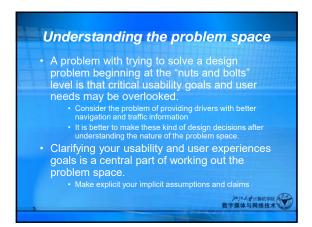
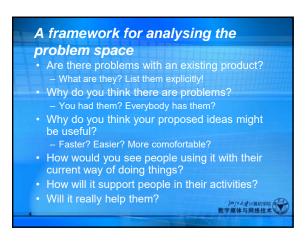
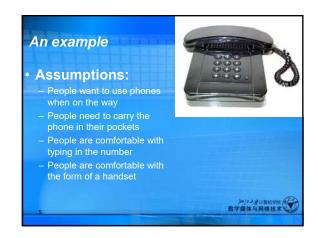


• What do you want to create? • A new UI for a given problem • A new UI and program for a given device • A new device for a given task • A new way of fulfilling a task • Why do you want to do so? • What are your assumptions? • Will it achieve what you hope it will?



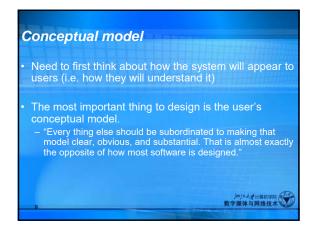


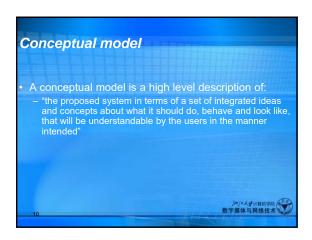




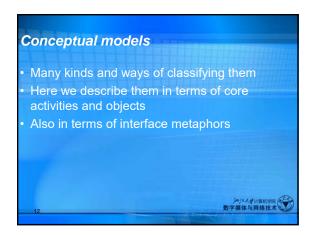
Assumptions: realistic or wish-list? People want to be kept informed of up-to-date news wherever they are - reasonable People want to interact with information on the move - reasonable People are happy using a very small display and using an extremely restricted interface - not reasonable People will be happy doing things on a smart phone that they normally do on their PCs (e.g. surf the web, read email, shop, bet, play video games) - reasonable only for a very select bunch of users

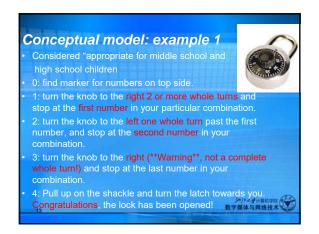
From problem space to design space Having a good understanding of the problem space can help inform the design space - e.g. what kind of interface, behavior, functionality to provide But before deciding upon these it is important to develop a conceptual model

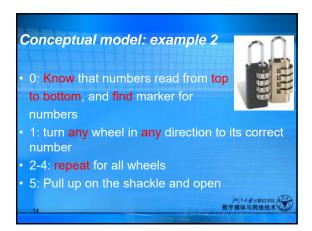




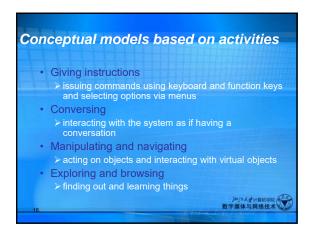
First steps in formulating a conceptual model What will the users be doing when carrying out their tasks? How will the system support these? What kind of interface metaphor, if any, will be appropriate? What kinds of interaction modes and styles to use? Always keep in mind when making design decisions how the user will understand and remember the underlying conceptual model

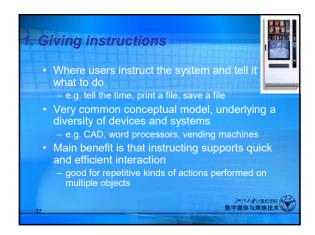






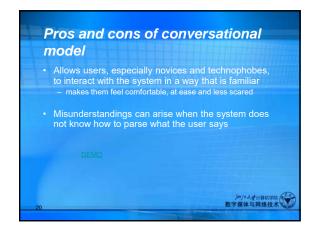














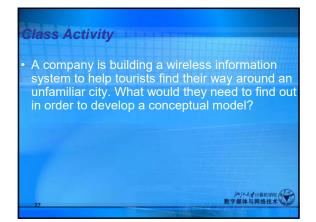


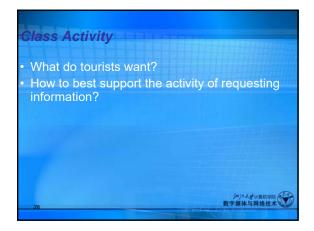


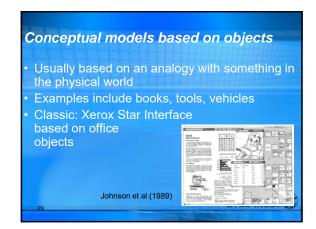


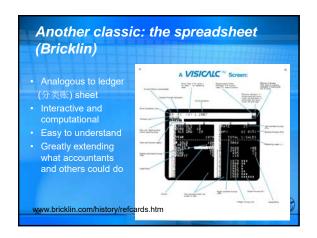


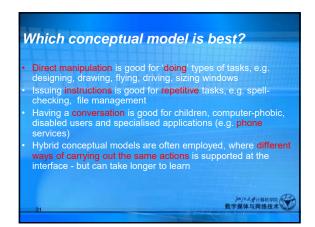


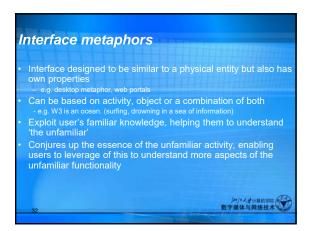












Benefits of interface metaphors • Makes learning new systems easier • Helps users understand the underlying conceptual model • Can be very innovative and enable the realm of computers and their applications to be made more accessible to a greater diversity of users

