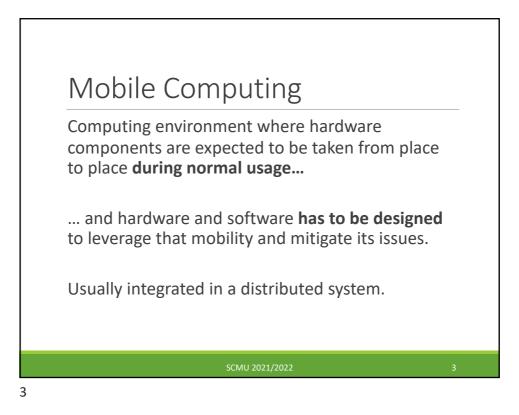


## Sistemas de Computação Móvel e Ubíqua

2021/2022

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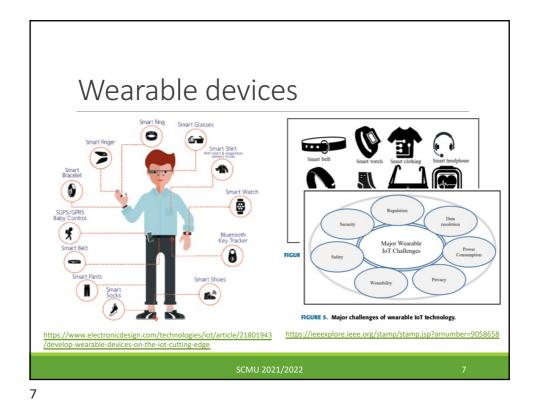


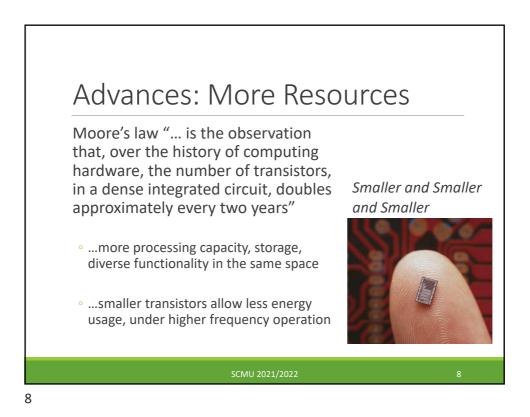


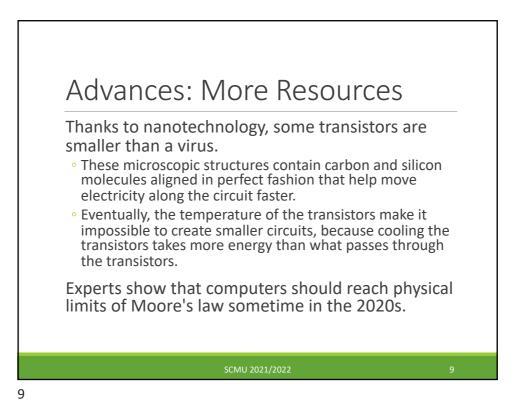






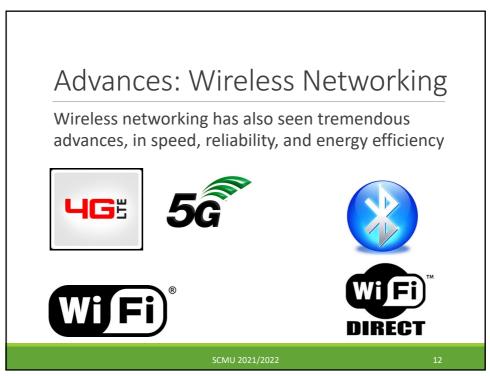




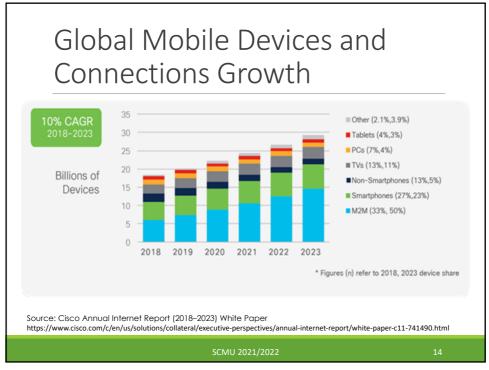




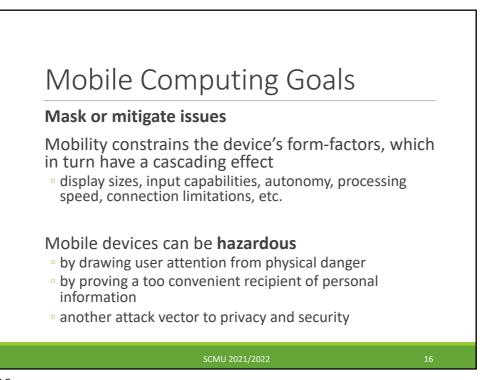


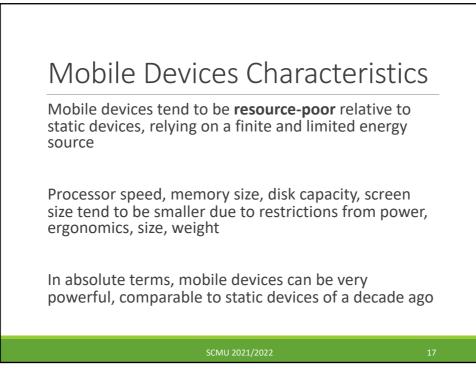


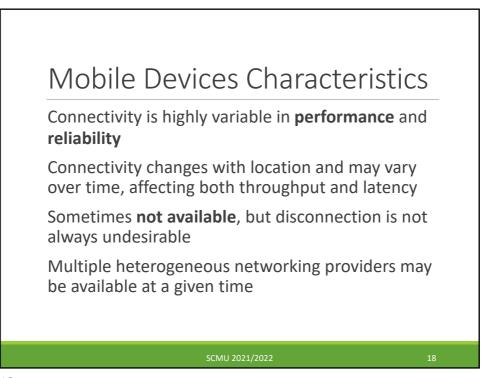


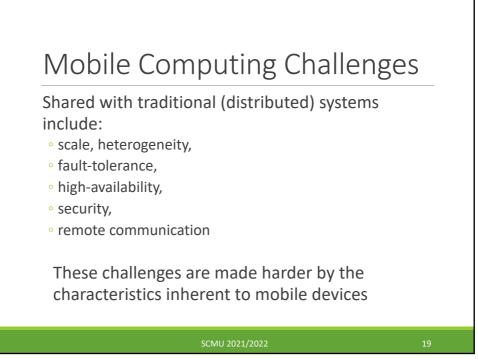


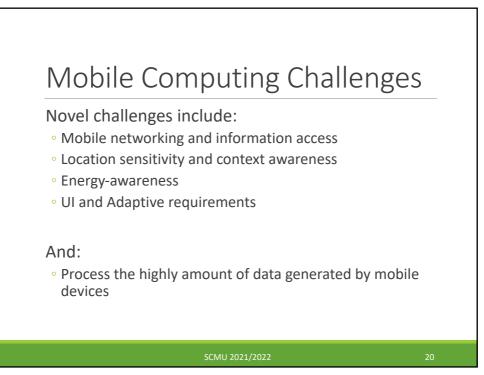


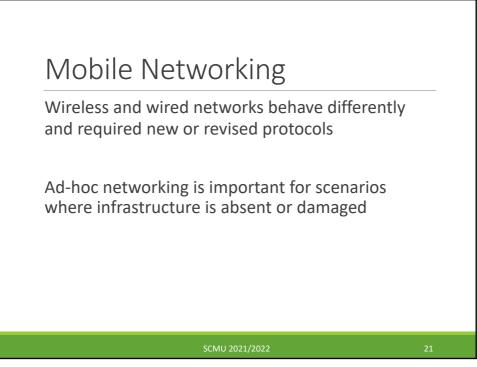


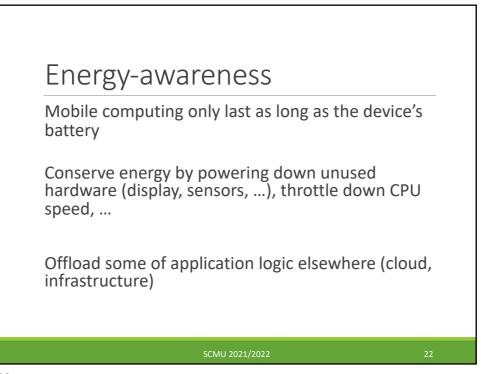


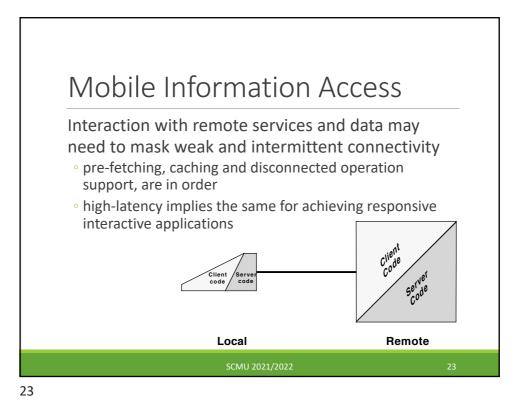






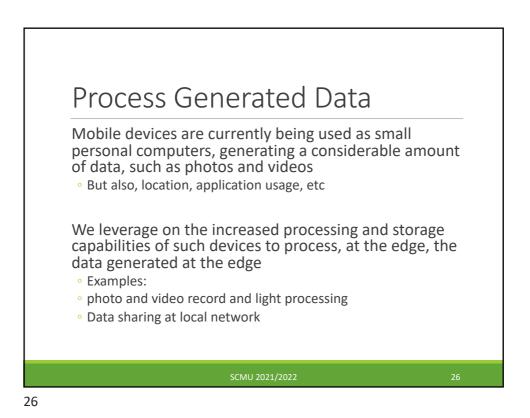




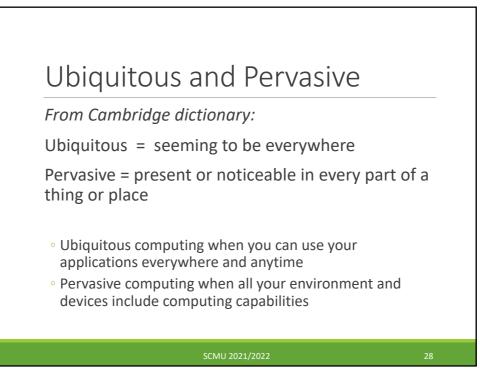












## Ubiquitous and Pervasive Computing

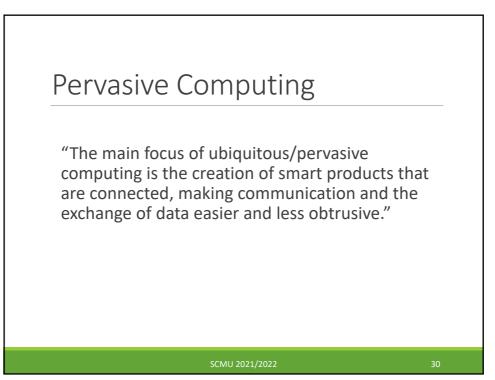
Pervasive or ubiquitous computing is many times seen as synonymous

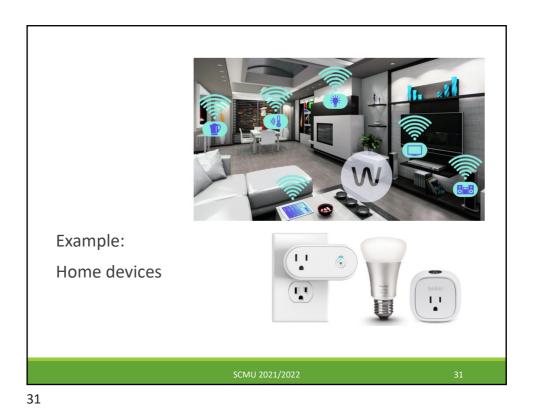
Refers to a model of computing in which computing is integrated in everyday objects and activities.

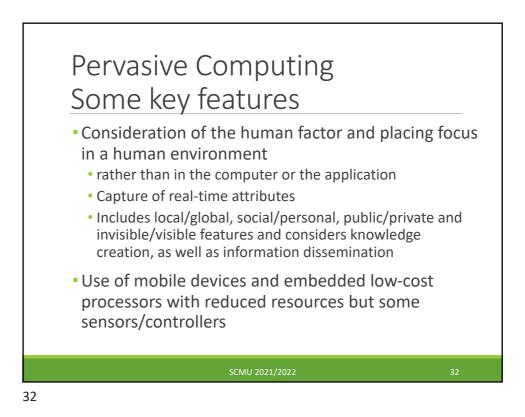
It involves connecting devices and appliances with embedding microprocessors to get information and to control.

Ubiquitous computing focuses on removing the complexity of computing for automation and increasing efficiency for different daily activities.

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## Pervasive Computing Some key features

- Relies on wireless technology and advanced electronics
- Can be based on totally connected and constantly available computing devices
- Increased surveillance and possible restriction and interference in user privacies, as the digital devices are wearable and constantly connected
- As technology progresses, the reliability factor of the different equipment used may be impacted



## Pervasive Computing

"Ubiquitous Computing (ubicomp) is a post-desktop model of human-computer interaction in which information processing has been thoroughly **integrated into everyday objects and activities**. In the course of ordinary activities, someone "using" ubiquitous computing engages many computational devices and systems simultaneously, and may not necessarily even be aware that they are doing so... More formally, ubiquitous computing is defined as "machines that fit the human environment instead of forcing humans to enter theirs." ~ Wikipedia

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