

**Course C24**  
**Understanding Mobile Interaction Design**  
2 units

*Instructors:*

Matt Jones (University of Wales, Swansea)  
Gary Marsden (University of Cape Town, SA).

*Companion course:* Doing Mobile Interaction Design

*Benefits:*

— For developers and designers: the course will give challenging, fresh perspectives on the goals of and approaches to mobile interaction design.

— For industrial and academic researchers: course will provide provoking questions about the form and function of effective mobile user experiences. For students: people engaged in graduate studies in the mobile area will benefit from seeing the "bigger picture". The design methods and perspectives presented will provide useful tools for anyone involved in developing concept and prototype systems.

— For mobile business and marketing analysts and strategists: the session will offer an interesting analysis to help explain previous hits and flops as well as pointing the way for successful future innovation.

*Origins:*

New for CHI 2007. Course materials presented previously at Mobile HCI and other venues. Material developed over several years in conjunction with the instructors' book (Mobile Interaction Design, John Wiley & Sons, 2006).

*Features:*

- \* an exploration of mobile design philosophies, principles and perspectives.
- \* critiques of existing mobile concepts, prototypes and services.
- \* a survey and evaluation of methods and tools for mobile interaction design.

*Intended Audience:*

Developers and designers, industrial and academic researchers, students, mobile business and marketing analysts and strategists.

*Presentation Style:*

interactive lectures and case-studies.

*Instructors' Backgrounds:*

Matt Jones is a Senior Lecturer at the Computer Science Dept, University of Wales Swansea. An active researcher in the field, he is an editor of the International Journal of Personal and Ubiquitous Computing and on the steering committee for the Mobile HCI conference series. He is the co-author (with Gary) of Mobile Interaction Design (John Wiley & Sons, 2006).

[www.undofuture.com](http://www.undofuture.com)

Gary Marsden is an Associate Professor in the Department of Computer Science at the University of Cape Town in South Africa. Besides his academic interests in designing interaction for mobile computers, a large part of his time is spent in examining how mobile computers can be used for upliftment in the developing world. He is the Interactions Magazine 'Developing World' editor.  
[www.hciguy.net](http://www.hciguy.net)