

# 行動電信網路期末報告

1. 報告日期：
  - 6/7(五) 11:10-12:00
  - 6/14(五) 10:10-12:00
  - 6/19(三) 11:10-12:00
  - 6/21(五) 10:10-12:00
2. 報告方式：
  - 二人一組(最多三人一組)
  - 每人報告時間: 20分鐘
  - 每位組員都要上台報告
3. 書面報告繳交期限：**6/24 (一) 17:00 以前**
  - 書面報告請用**中文**撰寫
  - 書面報告頁數：約10頁
  - 書面報告繳交格式：上傳電子檔(pdf檔)至ilms系統(同組組員一人代表上傳即可)
4. 報告內容由四篇主題相同的papers (若三人一組則六篇)整理出來，所選的papers中必須有一篇是**2012年後發表**
5. 請從下列 conferences, journals, magazines 挑選 papers
  - **Conference:**  
Infocom, Mobicom, GLOBECOM, ICC, WCNC
  - **Journals:**  
IEEE Transactions on Mobile Computing, IEEE Transactions on Wireless Communications, IEEE Transactions on Vehicular Technology, IEEE/ACM Transactions on Networking, ACM/Baltzer Wireless Networks, ACM/Baltzer Mobile Networks and Applications
  - **Magazines:**  
IEEE Network, IEEE Wireless Communications, IEEE Communications
6. 報告的完整性與關聯性為評分的主要部分
7. Topics of interest (**與行動電信網路相關**)
  - 4G mobile network architectures
  - Application specific protocols
  - Call admissions and congestion control
  - Hybrid wireless communication systems
  - IMT2000 and beyond cellular systems

- Internetworking heterogeneous wireless/wire-line networks
- Mobile Internet technologies
- Mobile quality of service management
- Mobility, location and handoff management
- Multimedia QoS and traffic management
- Network Control and Signaling
- Network resource management
- Network topology adaptive control
- Packet and all-IP network design
- Performance of E2E protocols over wireless networks
- QoS and media streaming support
- QoS routing in wireless networks
- Routing in Fixed and Mobile Networks
- Self organization of networks
- Service middleware and open interfaces
- Service provisioning platforms
- Satellite for NGN
- Terrestrial-satellite integration scenarios & techniques
- Traffic and service charging
- Transport protocols for wireless
- VoIP protocols and services
- Wireless multicasting
- Wireless network security and privacy
- Wireless switching and routing techniques
- Wireless system optimization techniques

8. 如有其他問題，請撥打分機(80920)或e-mail給助教。