**CV**

1. **Name : YÖNEY KIRSAL-EVER**
2. **Date of Birth: 25 JUNE 1981**
3. **Title:** Asst. Prof. Dr.
4. **Education:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Area** | **University** | **Year** |
| Undergraduate | Computer Engineering Department | Eastern Mediterranean University, Famagusta | 2002 |
| Graduate | Internet Computing | School of Electronics and Physical Sciences, University Of Surrey | 2003 |
| PhD | Computer Communications, Network Security | School of Engineering and Information Sciences, Middlesex University | 2011 |

1. **Akademic Titles:**

|  |  |  |  |
| --- | --- | --- | --- |
| Asst. Prof. Dr. | Computer Communications, Network Security | School of Engineering and Information Sciences, Middlesex University | 2011 |
| Asst. Prof. Dr. | Computer and Instructional Technology Teaching Department | Faculty of Education, Girne American University | 2013 |
| Asst. Prof. Dr. | Software Engineering Department | Faculty of Engineering, Near East University | 2015 |

1. **Managed Masters and Doctoral Thesis:** 
   1. **Masters and Doctoral Thesis:**

**Bhavik Dilipkumar Parikh (M00042625 ): Graduated with Merit**

**(February 2007)**

* Project Title: Implementation of Kerberos Usage on WLANs
* Analysis of security protocols with the help of the available tools such as CASPER and FDR. Try to find the most effective and efficient way of usage of Kerberos on WLANs.

**Nabila Khan (M00061985): Graduated with Distinction (February 2008)**

* Project Title: A Comparative Study of the Security and Performability of Authentication Protocols.
* Classification of protocols in terms of their relative security effectiveness and performance efficiency. Study of existing authentication protocols, verify the strength of protocols, consideration for the protocol implementation, performance analysis of the protocols

**Tasib Hossain (M00238411) Graduated with Merit (January 2011)**

* Project Title: Detecting IP Loop Holes by Using Packet Sniffer
* Detecting IP looping and ARP poisoning by using packet sniffing tool, WireShark and propose prevention ideas.
  1. **Doktora Tezleri**

**7. Publications:**

**7.1 International Refereed Publications:**

* + 1. **Kirsal-Ever, Y.,** Y. Kirsal, E. Ever and O. Gemikonakli, "Analytical Modelling and Performability Evaluation of Multi-Channel WLANs with Global Failures", International Journal of Computers Communications & Control, ISSN: 1841-9836, vol.10(4), pp: 459-473, August 2015.
    2. **Kirsal-Ever, Y.,** A. Eneh, O. Gemikonali and L. Mostarda (2014), **“**Analysing the Combined Kerberos Timed Authentication Protocol and Frequent Key Renewal Using CSP and Rank Functions”,*KSII Transactions on Internet and Information Systems* **ISSN: 1976-7277**, vol. 8(2), pp: 4604-4623, Dec 31,2014.

**7.2**  **International Proceedings:**

* + 1. Blended Learning”, ***IEEE International Conference on the Current Trends in Information Technology (CTIT)*, 11-12 Dec. 2013, Dubai Women** **College, pp. 111-117, E-**ISBN: 978-1-4799-2424-0, Print-ISBN: **978-1-4799-2425-7**
    2. Florian Kammueller and **Yoney Kirsal-Ever** and Xiaochun Cheng (2013), “DNSsec in Isabelle-Replay Attack and Origin Authentication”, IEEE International Conference On Systems, Man, and Cybernetics (IEEE SMC 2013).
    3. **Yoney Kirsal-Ever**, Yonal Kirsal, Alberto Polzonetti, Leonardo Mostarda, Clifford Sule, Purav Shah, Enver Ever (2013), “Challenges of Kerberos Variance with High QoS Expectations”, International Conference on Security and Management (SAM), *World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP)*, Las Vegas, USA.
    4. **Kirsal-Ever, Y.,** A. Eneh, O. Gemikonali and L. Mostarda (2012), **“**Modelling Attacker with Deciding Security Properties by Induction and Deduction”, The 27th IEEE International Conference onAdvanced Information Networking and Applications (AINA-2013)
    5. **Rajan, A. V., S. George, and Y. Kirsal (2011), “** Modern Dental Practice for the Dentists in the UAE, Using Social Networking Tools”, The 2011 IEEE International Conference and Workshop on Current Trends in Information Technology (CTIT), **October 2011, Dubai Women College, pp. 150-155, E-ISBN:978-1-4673-0096-4, Print-ISBN: 978-1-4673-0097**
    6. Ever, E., **Y., Kirsal** and O., Gemikonakli (2009), “ Performability Modelling of a Kerberos Server with Frequent Key Renewal under Pseudo-secure Conditions for Increased Security”, **IEEE International Conference on the Current Trends in Information Technology (CTIT) , 15-16 Dec. 2009, Dubai Women College, pp. 91 – 96, E-ISBN:**978-1-4244-5756-4, **Print ISBN:** 978-1-4244-5754-0, **DOI:** 10.1109/CTIT.2009.5423138
    7. **Kirsal Y. and O. Gemikonakli (2009), “Analysing the Kerberos Timed Authentication Protocol”, Kaspersky Lab Student Conference on Computer Security Issues, Russia, 27-29 April 2009.**
    8. **Kirsal Y**. and O. Gemikonakli (2008), “Improving Kerberos Security through the Combined Use of the Timed Authentication Protocol and Frequent Key Renewal**”, 6th IEEE International Conference on Cybernetic Systems 2008, Middlesex University, London, UK, pp. 153-158, Print ISBN:** 978-1-4244-2914-1, **DOI:** [10.1109/UKRICIS.2008.4798930](http://dx.doi.org/10.1109/UKRICIS.2008.4798930)
    9. **Kirsal Y.** and O. Gemikonakli (2007), “Frequent Key Renewal under Pseudo-Secure Conditions for Increased Security in Kerberos Authentication and Its Impact on System Performability”, *3rd International Conference on Global E-Security,* University of East London (UeL), Docklands, UK.
  1. **International Books or Book Chapters:**
     1. **Kirsal Y.** and O. Gemikonakli (2009), “Analysing the Kerberos Timed Authentication Protocol Using CSP-Rank Functions, Global Security, Safety, and Sustainability, Springer Berlin Heidelberg (publisher, Type A), vol. 45, ISBN: 978-3-642-04061-0 (Print), 978-3-642-04062-7 (Online), 20 August 2009.
     2. **Kirsal Y.** and O. Gemikonakli (2008), “Further Improvements to the Kerberos Timed Authentication Protocol”, Novel Algorithms and Techniques in Telecommunications, Automation and Industrial Electronics, Chp.44, Springer Netherlands, ISBN: 978-1-4020-15 15 August, 2008.
     3. **Kirsal Y.** and O. Gemikonakli (2007), “An Authentication Protocol to Address the Problem of the Trusted 3rd Party Authentication Protocols”, Innovative Algorithms and Techniques in Automation, Industrial Electronics and Telecommunications, Springer Netherlands, Chp.18, ISBN: 978-1-4020-6265-0 (Print), 978-1-4020-6266-7 (Online), 04 September 2007.
  2. **National Refereed Publications:**
  3. **National Proceedings:** 
     1. **Yoney Kirsal-Ever**, Y. Kirsal, and E. Ever (2015), “Approaches to Modelling and Analysis of Performability Evaluation in Wireless Environments”, IEEE 23rd Signal Processing and Communications Applications Conference (SIU), İnönü Universitesi, Malatya, Turkey, 16-19 May 2015.
  4. **Other Publications:** 
     1. **Kirsal Y**., (2007), Poster Presentation titled “Development of Security Strategies Using Kerberos in Wireless Networks”, *Women in Computing Research London Hopper 2007,* BCS London Offices, UK and in *The Richard Tapia Celebration of Diversity in Computing Conference 2007*, Orlando, Florida, USA.
     2. **Kirsal Y.,** A. Eneh and O. Gemikonakli (2005), “A Solution to the Problem of Trusted Third Party for IEEE 802.11b Networks”. *PGNET2005*, Liverpool UK, pp.333-339

1. **Projects:**
2. **Administrative Duties:**
3. **Scientific Institutions Memberships:**

**10.1 ACM(**Association for Computing Machinery ) (since 2007)

* 1. **IEEE** (Institute of Electrical and Electronics Engineers) (since 1998).

1. **Awards:** 
   1. **Promising Research Award** for the paper titled Improving Kerberos Security through the Combined Use of the Timed Authentication Protocol and Frequent Key Renewal (2008)
   2. **IEEE CSIDC 2002** Competition – In the first 12 universities
   3. **Distinction degree** in BSc(Dean’s list for 5 semesters)
2. **The last two years taught undergraduate and graduate level courses:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Academic**  **Year** | | **Semester** | | Name of the Course | | Hours Weekly | | | | No of Students | |
| **Theory** | | **Labs** | |
| **2015-2016**  **2014-2015**  **2013-2014** | | **Autumn** | | Multimedia Systems(ISE201) | | 2 hrs | | 2 hrs | | 8 | |
| Çoklu Ortam Sistemleri (BSM201) | | 2 hrs | | 2 hrs | | 8 | |
| Web Dizayn ve Programlamaya Giris (BSM224) | | 1 hr | | 3 hrs | | 1 | |
| Sofware Design Processes (SE514) | | 4 hrs | |  | | 6 | |
| **Summer** | | Information Security Principles and Standards (CIT 224) | | 1 hr | | 2 hrs | | 1 | |
| Computer Networks and Communications (CIT 306) | | 1 hr | | 2 hrs | | 2 | |
| Special Teaching Methods I EDU311) | | 1 hr | | 2 hrs | | 8 | |
| **Spring** | | Physics II (PHS202) | | 3 hrs | |  | | 6 | |
| Computer Networks and Communications (CIT 306) | | 1 hr | | 2hrs | | 7 | |
| Practice Teaching (EDU404) | | 1hr | | 4hrs | | 15 | |
| Information Security Principles and Standards (CIT 224) | | 1 hr | | 2 hrs | | 5 | |
| Information Technology in Education II (CIT102) | | 2 hr | | 2 hrs | | 11 | |
| **Summer** | | Physics I | | 3 hrs | |  | | 4 | |
| Information Security Principles and Standards (CIT 224) | | 1 hr | | 2 hrs | | 5 | |
| Computer Hardware (CIT205) | | 1 hr | | 2 hrs | | 2 | |
| **Spring** | | Information Technology in Education II (CIT102) | | 2 hr | | 2 hrs | | 11 | |
| Computer II for Department of English Language Teaching (GCC104) | | 1 hr | | 2 hrs | | 23 | |
| Information Security Principles and Standards (CIT 224) | | 1 hr | | 2 hrs | | 27 | |
| Physics II | | 3 hrs | |  | | 8 | |
| Computer Networks and Communications (CIT 306) | | 1 hr | | 2hrs | | 3 | |
| Project Development and Management I (CIT404) | | 2hrs | | 1hr | | 16 | |