



# SysSec Dissemination Activity

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POLITECNICO DI MILANO

# Outline

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- Summary of dissemination activity
- Papers
- Talks
- Posts on websites and blogs
- Collaboration with other projects
- Presence in events
- Mailing lists and online social networks

# Overall

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- **25 papers** in intl. conferences and journals
- **24 talks**, seminars, and presentations
- **12 posts** on websites and blogs
- **3 EU projects** cooperating with us
- **1 poster**
- **1 panel**
- **1 workshop (tomorrow, July 6<sup>th</sup>!)**
- **80 Twitter followers (27 tweets)**

# Papers in intl. conferences and journals

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- **25 papers between Oct 2010 and Jun 2011**
- Venues:
  - NDSS
  - ACSAC
  - USENIX LEET
  - WWW
  - EC2ND
  - FC
  - ICS
  - SAC
  - ACM TOCS
- Topics:
  - Malware analysis
  - Web malware
  - Social network threats
  - Hi-speed NIDS
  - Rev. Engineering
  - Mobile devices security
  - Vehicle and ad-hoc net security

# Talks, seminars, presentation

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- **24 talks between Oct 2010 and Jun 2011**
- **Dissemination talks about SysSec itself**
- **Technical talks about work done within SysSec**
  
- Evangelos Markatos. Collaboration in Systems Security. At IncoTrust networking session in ICT 2010, Brussels, Belgium, September 2010.
- Evangelos Markatos. SysSec: A European Network of Excellence in Managing Threats and Vulnerabilities in the Future Internet. At Effectsplus networking session in ICT 2010, Brussels, Belgium, September 2010.

# Talks, seminars, presentation

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- Zlatogor Minchev. New Threats in Cyber Security. At Round Table "Bulgarian Cyber Security Status and Problems", Sofia, Bulgaria, September 2010.
- Herbert Bos. Give me back my data structures! Reverse engineering data structures from stripped binaries. At Vancouver Systems Colloquium, Vancouver, Canada, October 2010.
- Magnus Almgren. Mitigating Cyber Attacks. At Network Meeting, ITfaculty at Göteborg University, Göteborg, Sweden, November 2010.
- Etc...

# Posts on websites and blogs

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- Slashdot and The Register covered research on file hosting security done by our partner EURECOM
- Zlatogor Minchev of IICT-BAS was interviewed about SysSec and Social Networks on LiveNews.bg
- Computers are everywhere – but can you trust them? given by Magnus Almgren was also recorded by the Swedish Television

# Cooperation with other projects

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- VIKING FP7
  - cyberattacks against power grids
  - participation of Rita Lenander in the 1st SysSec workgroup meetings in Amsterdam
  - she contributed to the discussion on the security of smart grids.
- BiC Project
  - Position paper at SysSec Workshop
  - Trustworthy ICT session at SysSec Workshop
- EffectsPlus Project
  - Participation to dissemination events



# Presence in events

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- EC2ND 2010 Panel (Academia + Industry)
  - Role of machine learning for computer security
  - John McHugh,
  - Konrad Rieck
  - George Portokalidis
  - Stefano Zanero
- ENISA NIS Summer School 2011 (Crete)
  - FP7 poster session
  - 16 posters from other FP7 projects
  - 1 SysSec poster
    - Interest from other FP7 projects (e.g., TCloud)

# First SysSec Workshop (DIMVA 2011)

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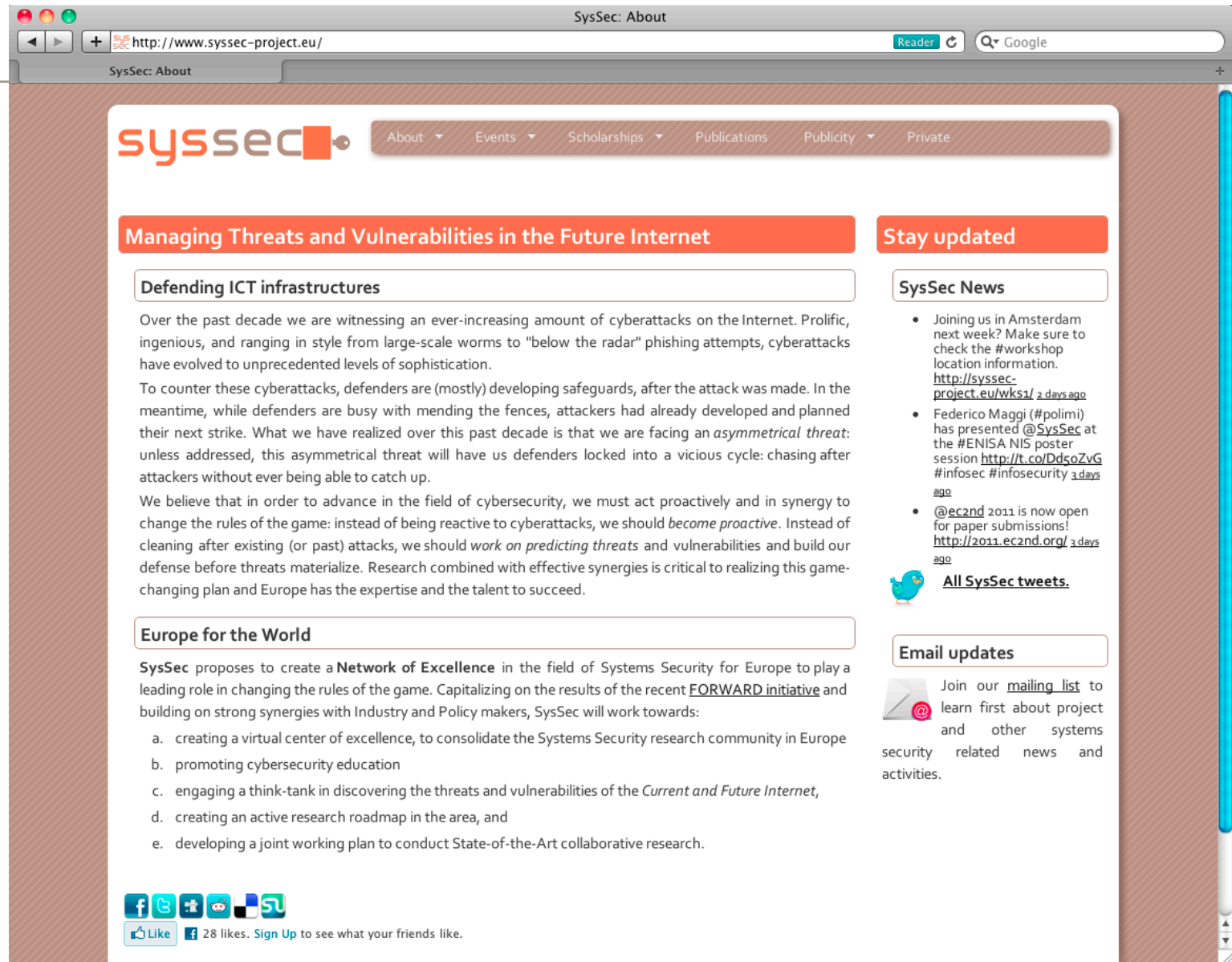
- Co-located with DIMVA 2011, Amsterdam
- July 6th 2011
- 23 position papers for system security roadmap track
- 6 student papers for research track
- 50 participants registered online
- Given the good feedback from the BADGERS 2011 workshop (WOMBAT), within SysSec may organize BADGERS 2012

# Mailing lists and online social nets

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- Dissemination ML
  - International, security mailing lists
  - List of subscribers from previous projects' events
- Constituency ML
  - Selected people working in system security in EU
  - 177 subscribers
- Twitter @syssecproject
- Facebook page

# Website!



SysSec: About

http://www.syssec-project.eu/

Reader Google

SysSec: About

syssec

About Events Scholarships Publications Publicity Private

## Managing Threats and Vulnerabilities in the Future Internet

### Defending ICT infrastructures

Over the past decade we are witnessing an ever-increasing amount of cyberattacks on the Internet. Prolific, ingenious, and ranging in style from large-scale worms to "below the radar" phishing attempts, cyberattacks have evolved to unprecedented levels of sophistication.

To counter these cyberattacks, defenders are (mostly) developing safeguards, after the attack was made. In the meantime, while defenders are busy with mending the fences, attackers had already developed and planned their next strike. What we have realized over this past decade is that we are facing an *asymmetrical threat*: unless addressed, this asymmetrical threat will have us defenders locked into a vicious cycle: chasing after attackers without ever being able to catch up.

We believe that in order to advance in the field of cybersecurity, we must act proactively and in synergy to change the rules of the game: instead of being reactive to cyberattacks, we should *become proactive*. Instead of cleaning after existing (or past) attacks, we should *work on predicting threats* and vulnerabilities and build our defense before threats materialize. Research combined with effective synergies is critical to realizing this game-changing plan and Europe has the expertise and the talent to succeed.

### Europe for the World

SysSec proposes to create a **Network of Excellence** in the field of Systems Security for Europe to play a leading role in changing the rules of the game. Capitalizing on the results of the recent **FORWARD initiative** and building on strong synergies with Industry and Policy makers, SysSec will work towards:

- creating a virtual center of excellence, to consolidate the Systems Security research community in Europe
- promoting cybersecurity education
- engaging a think-tank in discovering the threats and vulnerabilities of the *Current and Future Internet*,
- creating an active research roadmap in the area, and
- developing a joint working plan to conduct State-of-the-Art collaborative research.

Like 28 likes. Sign Up to see what your friends like.

Stay updated

### SysSec News

- Joining us in Amsterdam next week? Make sure to check the #workshop location information. <http://syssec-project.eu/wks1/> 2 days ago
- Federico Maggi (@polimi) has presented @SysSec at the #ENISA NIS poster session <http://t.co/Dd5oZvG> #infosec #infosecurity 3 days ago
- @ec2nd 2011 is now open for paper submissions! <http://2011.ec2nd.org/> 3 days ago

All SysSec tweets.

### Email updates

Join our [mailing list](#) to learn first about project and other systems security related news and activities.



# SysSec Dissemination Activity

<http://www.syssec-project.eu>  
<http://twitter.com/syssecproject>



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