

# The Challenge

**Addressing the UK Cyber Security Skills Gap**

**Stephanie Daman, CEO Cyber Security Challenge UK**



## **Questions for this session**

- **How acute is the IT security skills shortage?**
- **What does this mean to organisations now and in the future?**
- **Where does the root of the problem lie?**
- **What can organisations do today?**
- **Who to engage with in education, government and other relevant agencies?**
- **The roadmap to overcoming the skills gap.**

## Some facts

- **Employment in the IT industry will grow at 2.19% per annum – nearly five times faster than the UK average. (e-skills)**
- **Over half a million new entrants are required to fill IT & Telecoms professional job roles in the UK over the next five years. (e-skills)**
- **IET research**



Are you in?

## Cyber Security Challenge UK

### Mission

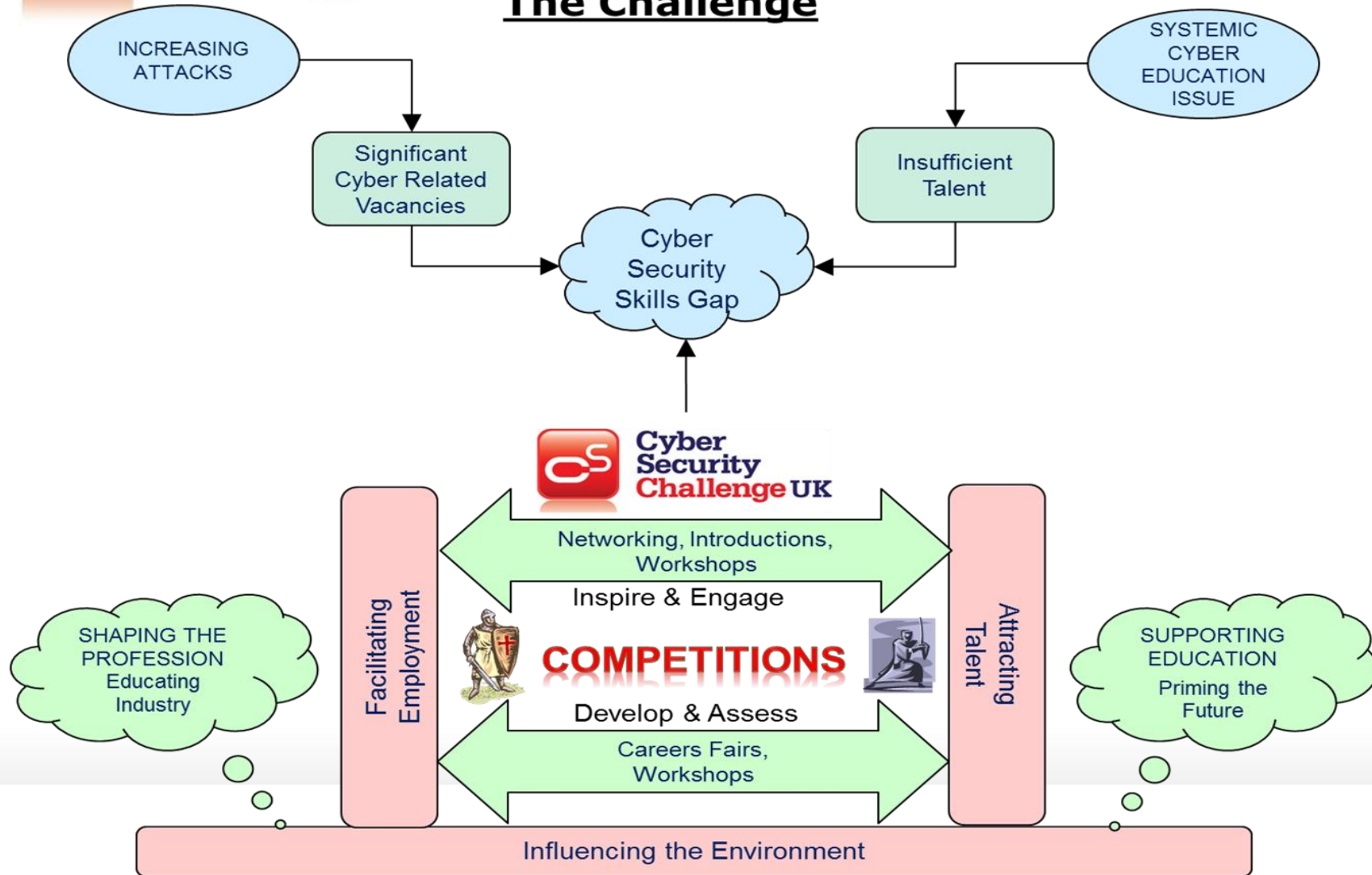
Sufficient numbers of those of any age with a talent for cyber security are identified, inspired, informed and enabled to find training and fill such jobs as are needed to provide efficient protection of the UK's economic prosperity, national security and chosen way of living

### Strategy

Fulfilling its vision through:

- Running Competitions
- Raising awareness of cyber security jobs and education and training opportunities
- Enabling careers in Cyber Security through prizes and by linking sponsors and candidates
- Influencing the market place:
  - Employers offer more developmental opportunities to newcomers
  - Support Cyber Security curricula in education
  - ensuring the landscape and various routes to a job are better understood.

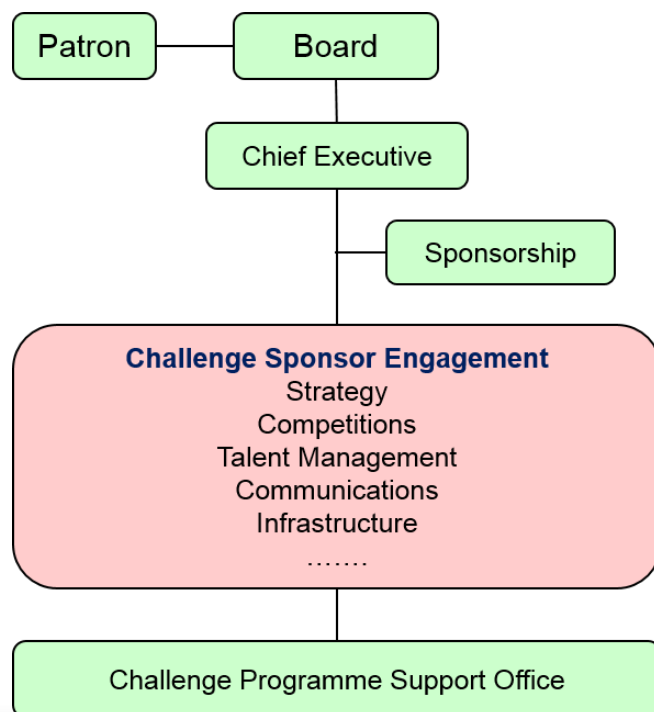
### The Challenge



### Supporting the Solution

## Challenge Structure

*A Not for Profit organisation, mentioned in the UK National Cyber Security Strategy, shaped and run by sponsors from across the private sector, government and academia.*



### Patron

**Baroness Pauline Neville-Jones**,  
Special Representative to Business on Cyber Security

### Board

**Judy Baker**: Chair

**Lord Toby Harris**: Member, House of Lords; and Chair Toby Harris Associates

**Rhys Bowen**: OCSIA Cabinet Office

**Paul Clark**: Group Chief Executive Invigia

**Nigel Harrison**: RSI

**Stewart Room**: Partner Field Fisher Waterhouse

**Chief Executive**: Stephanie Daman

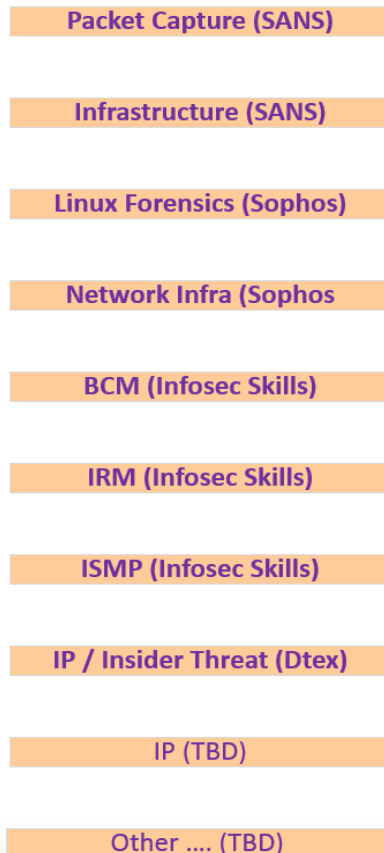
**Sponsorship**: Malcolm John

# Work in Progress

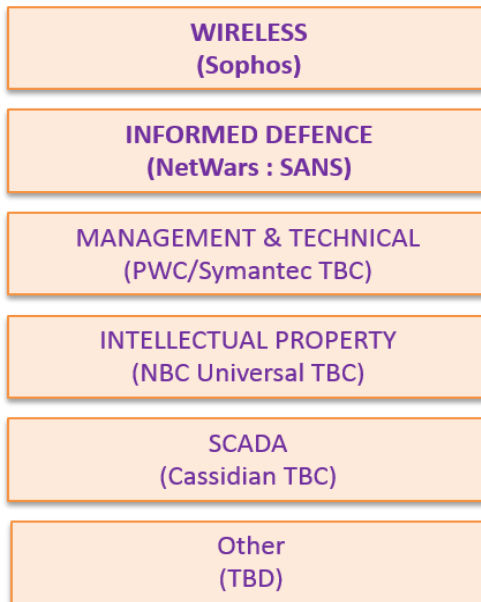


## 2013/14 Outline Competition Programme

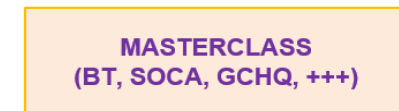
### Preliminaries (Virtual)



### Stream Finals (F2F)



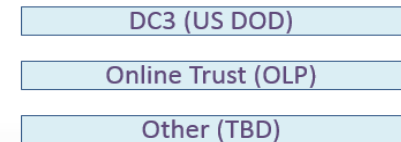
### Grand Final (F2F)



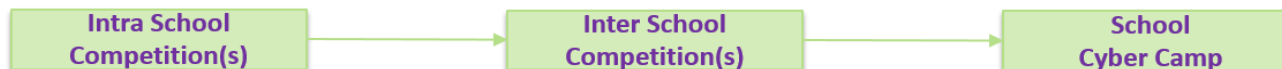
### Core Programme



### Cyber Camps



### Complementary Competitions



### Education Initiative Pilot





### Cyber Security Challenge UK Annual Awards Ceremony



#### Core Networking Events:

- Summer: NBC Universal TBC
- Winter: TBC

#### Careers Fairs

- Summer: Microsoft UK
- Winter: TBD

#### Platinum Round Table

- Spring: Field Fisher Waterhouse
- Autumn: Bank of England



#### Complementary Events

- Cheltenham Science Festival
- British Military Tournament
- Scottish Christmas Cyber Lectures
- ....





## PR / Branding

### Annual Indication:

- C400 media / info items
- C600 total sponsor mentions in the media
- National radio, prime time BBC/Sky coverage
- Articles with National newspapers
- Many Trade Publications

### National coverage Examples:

CNN; March 2013  
 Sky News; February 2013  
 The Guardian; January 2013  
 BBC Radio 4: PM February 2012  
 BBC News Online; March 2012  
 Daily Telegraph; March 2012  
 The Evening Standard; May 2012

BBC News Online; July 2012  
 Radio 1; September 2012  
 The Guardian; September 2012  
 Reuters: September 2012  
 BBC One Show: December 2012  
 Daily Mail; December 2012  
 Metro; June 2012





**2010 to 2013:**  
Established, Consolidated:  
Ready for more:

- Company Established
- Successful Competitions Programme delivered
- Expanding Sponsor Community
- Effective Networking Events
- Increasing Significance to the Cyber Community
- Significant Internship and Employment successes
- Established Brand

**Noted in UK National Cyber Security Strategy**

**Winner:**  
**Information Security Initiative of the Year.**  
**CIR Risk Management Awards 2012**

## **Supporting Digital UK** **How are we doing?**

**2013/14.....**  
Expansion, Collaboration:  
Building a Platform:

- **Priming Talent – Upping the Bar**
  - Schools Engagement and Competitions
  - Increased University engagement
- **Appealing wider:**
  - Women in Cyber
- **Identifying and Assessing Talent:**
  - More competitions
  - Broader competitions
- **Developing Talent:**
  - Expanding Cyber Camps
- **Facilitating Employment:**
  - Enhanced Networking
  - Expanding Careers Fairs
- **Supporting Growth:**
  - Increased Brand Awareness and Collaboration to support Digital UK

**So Far So Good – Making a Difference**

## **Challenge Sponsors: Leaders – Making things happen**

Government has committed to being a key sponsor. Private sector and academia have unique rationale for sponsoring including:

- **Citizenship:** Helping address National digital economy issue and improving employment,
- **Recruitment:** Engage with candidates, reduce recruitment costs, brand awareness
- **PR/Branding:** A good news story - Sustainable brand awareness, exceptional media coverage; BBC, Channel 4 filming and national and local press.
- **Thought Leadership:** Opportunity to shape the cyber security landscape and promote capability
- **Relationship Building:** Engage with customers, suppliers, partners and candidates at Challenge networking events and the Awards Ceremony

**We invite you to join us and take your place among the industry leaders and experts who are making the Cyber Security Challenge a reality.**

**Remember, its Sponsorship, not Membership:  
Engage, Inspire, Make a Difference !**

**For more specific information regarding sponsorship, please contact:**

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**[stephanied@cybersecuritychallenge.org.uk](mailto:stephanied@cybersecuritychallenge.org.uk)**

**Or visit our website:**

**[www.cybersecuritychallenge.org.uk](http://www.cybersecuritychallenge.org.uk)**