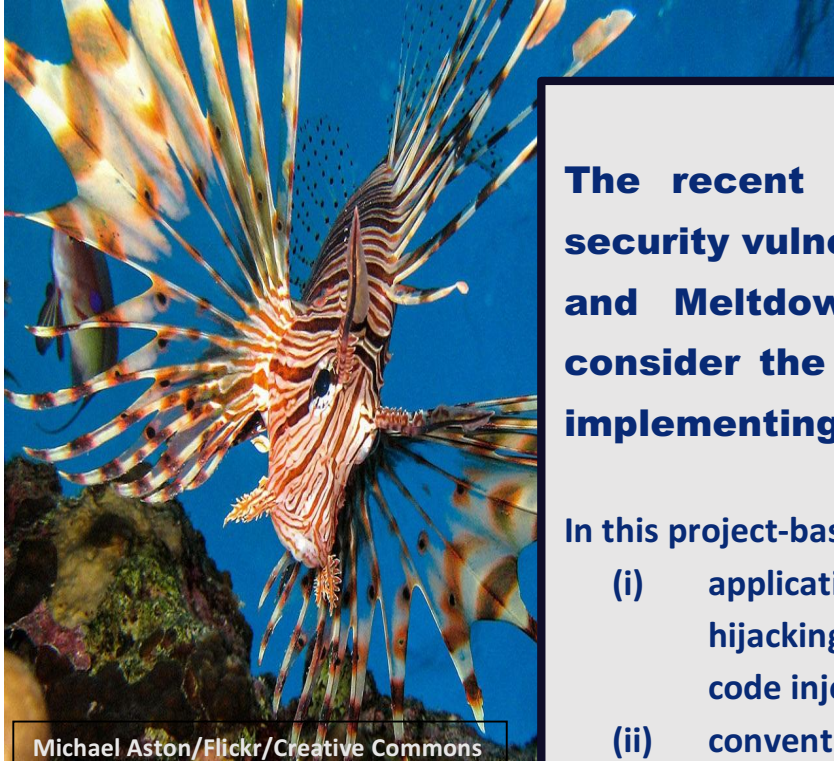




# Introduction to Cybersecurity:

## A Software/Hardware Approach



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**The recent news of micro-architecture level security vulnerabilities and exploits like Spectre and Meltdown has highlighted the need to consider the full computer system stack when implementing performance or security concepts.**

**In this project-based learning activity, we will cover:**

- (i) application level security concepts such as control flow hijacking, return oriented programming vulnerabilities, code injection attacks,
- (ii) conventional processor organization and its inherent vulnerabilities, and finally
- (iii) secure applications and processor design principles.

**WHEN: June 17- June 28, 2019, 9:00am-noon**

**WHERE: University of the Virgin Islands,  
St. Thomas Campus**

Find out how to  
Enroll and get Course Credits!

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