



OWASP

Open Web Application
Security Project



Diversity by Design Optimizing Open Source Security & Community

OWASP Women in AppSec (WIA) Committee

Presenter: Zoe Braiterman, OWASP WIA Committee Chair
Link Campus University
Rome, Italy
March 26, 2019



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Presentation Overview

- Dynamic Technology / Security Landscape
- Cybersecurity Education
- Diverse Collaborative Ecosystem
- OWASP Overview
- OWASP WIA Overview
- 2018 - 2019 Updates
- Moving Forward



Dynamic Technology / Security Landscape

- IoT / IIoT
- Advanced Machine Learning, Deep Learning / AI
- International Policy Updates: Data Governance / Privacy
- ... → OWASP Projects



Unseen threats require unseen skills

- More women / diversity → More research + skilled professionals
- Critical research + practice → STEM diversity opportunity



Cybersecurity Education

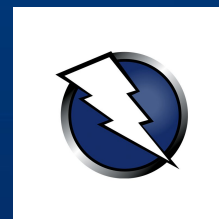
Universities



Certifications



Open Source Projects + Community





Diverse Collaborative Ecosystem

Diversity → Open Source + Community → Industry + Academia





OWASP (Open Web Application Security Project)

- International community
 - Meetups
 - Community / Mentorship
 - Conferences
- Builders, Breakers, Defenders
- Open source project ecosystem
 - Best Practices
 - Standards
 - Tools
- Industry Research
 - Vendor Neutral



Some OWASP Projects

- Zed Attack Proxy (ZAP) web application security scanner
- OWASP Top 10 Web (and Mobile) Application Risk
- Broken Web Application (BWA)
- Application Security Verification Standards (ASVS) & Mobile Application Security Verification Standards (MASVS)
- Proactive Controls
- Threat Dragon (Threat Modeling)
- Machine Learning Top 5 Risks
- IoT Top 10 Risks



WIA (Women in Application Security) Committee

- Increase Women's
 - Community engagement (WIA < OWASP)
 - Training access
 - Security workforce contribution
- Diversity scholarships (conferences / trainings)
- Local OWASP Chapter meetups + global webinars
- Cyber Security Learning Opportunities
- Leadership Development
- Advancement of Women & Minorities in Industry
- Community Engagement & Awareness
- Open Contributions
- Global Trainings (local F2F and online webinars)
- Mentorships (female and male mentors)



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2018 - 2019 Updates



OWASP WIA Officers Jessica Robinson and Vandana Verma (left to right) AppSec EU 2018





OWASP WIA Training at AppSec USA 2018

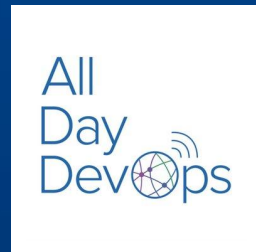
Again at AppSec California 2019





Strategic Collaboration & Partnerships

- Leader: Zoe Braiterman
 - OWASP Brooklyn Chapter
 - OWASP WIA Committee Chair





Strategic Collaboration & Partnerships

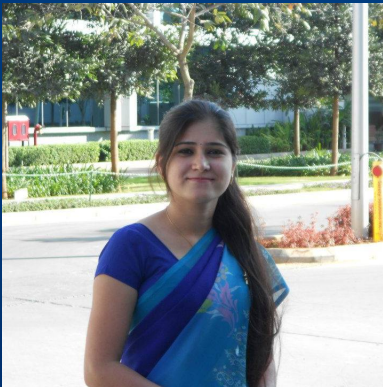
- Leader: Loredana Mancini
 - OWASP Italy Chapter
 - OWASP WIA Committee Vice Chair & EU Volunteer Coordinator





Global Information Security knowledge Exchange webinars

- Leader: Vandana Verma
 - OWASP Bangalore Chapter Leader
 - OWASP WIA Committee Secretary & Asia Volunteer Coordinator



InfoSec **Girls**



Global OWASP AppSec Conferences - 2019

Scholarship & Training Opportunities

- Global AppSec EU #1 - Tel Aviv (May 26-30, 2019)
- Global AppSec USA - Washington, D.C., (September 9-13, 2019)
- Global AppSec EI #2 - Amsterdam (September 23-27, 2019)





Technical Diversity: DefCon → AppSec USA 2019

Leader: Jon McCoy

- OWASP table + onsite interview
- Technical “breaker” women → OWASP / AppSec Community





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OWASP Women in AppSec Committee:

https://www.owasp.org/index.php/Women_In_AppSec#Women_in_Application_Security_.28WIA.29_Committee

Meetup:

<https://www.meetup.com/owaspwia/>

Twitter: @OWASPWIA

Mailing list: wia-committee@owasp.org

Chair: Zoe Braiterman - zoe.braiterman@owasp.org

Vice Chair & Volunteer Coordinator - Europe: Loredana Mancini - loredana.mancini@owasp.org

Secretary & Volunteer Coordinator - Asia: Vandana Verma - vandana.verma@owasp.org

Volunteer Coordinator - North America: Jessica Robinson - jessica.robinson@owasp.org

Media Relations Coordinator: Katherine Cancelado - katherine.cancelado@owasp.org

Treasurer - Geeta Handa



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Wiki: https://www.owasp.org/index.php/Women_In_AppSec

Meetup: <https://www.meetup.com/womeninappsec/>

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