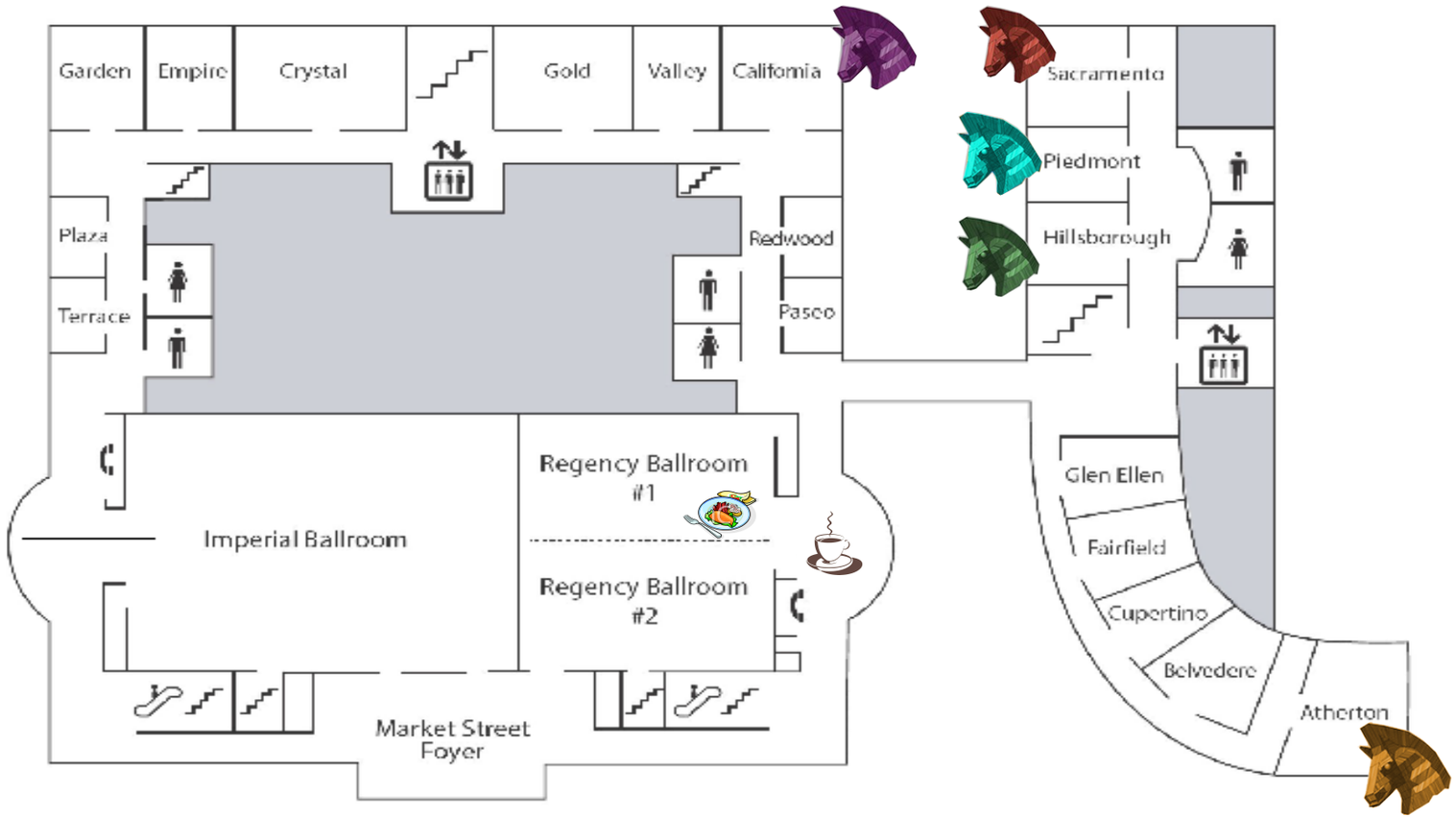
	IWPE *Piedmont*	GenoPri *Sacramento*	LangSec *Atherton*	MoST *Hillsborough*	W2SP *California*
0730 - 0830	*Breakfast (Regency 1)*	*Breakfast (Regency 1)*	*Breakfast (Regency 1)*	*Breakfast (Regency 1)*	*Breakfast (Regency 1)*
0830 - 1020	Opening Remarks (start at 0900) **Invited Talk: Privacy: Plural, Contextual, Contestable but not Unworkable, Deirdre K. Mulligan (UC Berkeley)**	Opening Remarks ▪ Efficient Secure Outsourcing of Genome-wide Association Studies ▪ Privacy-Preserving Statistical Analysis by Exact Logistic Regression **Tutorial: Prof. Lucilla Ohno-Mochado**	**Keynote: TBD**	▪ Opening Remarks ▪ Graphical User Interface for Virtualized Mobile Handsets ▪ Analyzing End-Users' Knowledge and Feelings Surrounding Smartphone Security and Privacy ▪ A Security Analysis of Android Factory Resets	Opening remarks – Best paper award **Keynote: Making browser security usable: successes and open challenges, Adrienne Porter Felt (Google)** ▪ Variations in Tracking in Relation to Geographic Location
1020 - 1050	*Coffee Break (Regency Foyer)*	*Coffee Break (Regency Foyer)*	*Coffee Break (Regency Foyer)*	*Coffee Break (Regency Foyer)*	*Coffee Break (Regency Foyer)*
1050 – 1230	▪ PRIPARE: Integrating Privacy Best Practices into a Privacy Engineering Methodology ▪ Protection Goals for Privacy Engineering ▪ Privacy by Design in Federated Identity Management	▪ Passing go with DNA sequencing: Delivering messages in a covert transgenic channel ▪ Privacy Threats and Practical Solutions for Genetic Risk Tests ▪ Quantifying Genomic Privacy via Inference Attack with High-Order SNV Correlations ▪ One Size Doesn't Fit All: Measuring Individual Privacy in Aggregate Genomic Data ▪ Genomic Privacy Metrics: A Systematic Comparison	▪ The Correctness-Security Gap in Compiler Optimization ▪ Grammatical Inference and Language Frameworks for LANGSEC ▪ Error-Correcting Codes as Source for Decoding Ambiguity ▪ Verification State-space Reduction through Restricted Parsing Environments	▪ AppCracker: Widespread Vulnerabilities in User and Session Authentication in Mobile Apps ▪ Indirect File Leaks in Mobile Applications ▪ A Large-Scale Study of Mobile Web App Security ▪ Static Characterization of Pairwise Android Inter-Component Communications for Collusion Detection	▪ Because we care: Privacy Dashboard on Firefox OS ▪ Tracking Protection in Firefox for Privacy and Performance ▪ The Case for a General and Interaction-based Third-party Cookie Policy
1230 - 1330	*Lunch (Regency 1)*	*Lunch (Regency 1)*	*Lunch (Regency 1)*	*Lunch (Regency 1)*	*Lunch (Regency 1)*
1330 - 1510	1320 Best Paper award ceremony **Invited Talk: Privacy as a safety critical concept, Ian Oliver (Nokia Networks)** ▪ Extending the Power of Consent with User-Managed Access ▪ Decentralizing Privacy: Using Blockchain to Protect Personal Data	**Keynote: Privacy & Knowing in DTC Genetic Testing, Kate Black, J.D. (Privacy Officer & Corporate Counsel, 23andme)** ▪ Genomic Privacy and Direct-to-Consumer Genetics ▪ Seeking a "Race to the Top" in Genomic Cloud Privacy	▪ On the Generality and Convenience of Etypes ▪ Protocol State Machines and Session Languages ▪ Towards more Security in Data Exchange: Defining Unparsers with Context-Aware Encoders for Context-Free Grammars ▪ Nom, a Byte-oriented, Streaming, Zero-copy Parser Combinators Library in Rust	**Keynote: Android Security Data and Research Directions, Adrian Ludwig (Google)**	▪ Stickler: Defending Against Malicious CDNs in an Unmodified Browser ▪ Breaking Bad: Detecting malicious domains using word segmentation ▪ Owning Your Home Network: Router Security Revisited
1510 - 1540	*Coffee Break (Regency Foyer)*	*Coffee Break (Regency Foyer)*	*Coffee Break (Regency Foyer)*	*Coffee Break (Regency Foyer)*	*Coffee Break (Regency Foyer)*
1540 - 1730	▪ Reviewing for Privacy in Internet and Web Standard-Setting ▪ Privacy Principles for Sharing Cyber Security Data ▪ Choose Wisely: A Comparison of Secure Two-Party Computation Frameworks ▪ Tor Experimentation Tools Closing Remarks	**Panel (Moderator: Prof. Xiaoqian Jiang)** Closing remarks	▪ Heap Models for Exploit Systems ▪ Unambiguous Encapsulation ▪ A fuzzing and protocol analysis case-study of DNP3 ▪ The State of Hammer Closing Remarks	▪ Static Detection and Automatic Exploitation of Intent Message Vulnerabilities in Android Applications ▪ PINPOINT: Efficient and Effective Resource Isolation for Mobile Security and Privacy ▪ Data Extraction on Stolen Android Smartphones: A Security Analysis of Current Consumer Grade Protection Mechanisms Provided by Mobile Anti-Virus Apps Closing Remarks	▪ Practical Solutions for Format-Preserving Encryption ▪ Genuine onion: Simple, Fast, Flexible, and Cheap Website Authentication ▪ No SQL, No Injection? Examining NoSQL Security Closing Remarks

2015 IEEE Symposium on Security and Privacy Workshops



IWPE – First International Workshop on Privacy Engineering (Piedmont)

GenoPri – Second International Workshop on Genome Privacy and Security (Sacramento)

LanSec – Second Workshop on Language Theoretic Security (Atherton)

MoST – Mobile Security Technology (Hillsborough)

W2SP – Web 2.0 Security and Privacy (California)