

Digital Forensics

**Dr. Bhavani Thuraisingham
The University of Texas at Dallas**

Lecture #1

August 24, 2009

Outline

- Introduction
- Applications
 - Law enforcement, Human resources, Other
- Services
- Benefits
- Using the evidence
- Conclusion

Digital Forensics

- Digital forensics is about the investigation of crime including using digital/computer methods
- More formally: “Digital forensics, also known as computer forensics, involved the preservation, identification, extraction, and documentation of computer evidence stored as data or magnetically encoded information”, by John Vacca
- Digital evidence may be used to analyze cyber crime (e.g. Worms and virus), physical crime (e.g., homicide) or crime committed through the use of computers (e.g., child pornography)