

BOOK REVIEW

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Review of: *Advances in Fingerprint Technology, Second Edition*

REFERENCE: Lee, HC and Gaensslen, RE. *Advances in fingerprint technology*, second edition. CRC Press, Boca Raton, FL, 2001, 444 pp.

The first edition of this book was published as a volume in the Elsevier Series in Forensic and Police Science. Due to the many advances in the fingerprint field a second edition was warranted to give a complete overview of these advances.

A very complete perspective on the history and development of fingerprinting and the fundamentals of latent print identification are covered in Chapters 1 and 2. I found these two chapters to be very informative, interesting and pleasant reading.

Revised Chapters 3 and 4 covers latent fingerprint residue chemistry and a very complete survey of latent print development meth-

ods and techniques. Chapter 5 on ninhydrin analogues and the new chapters on physical developers and photoluminescent nanoparticles is must reading to have a complete knowledge of the ability to recover latent prints. AFIS system technology and fingerprint imaging, which is an intricate part of fingerprint identification in the present world, is covered in Chapter 8.

Every fingerprint examiner should be aware of the challenges to the admissibility of latent print identification because of the U.S. Supreme Court's 1993 *Daubert v. Merrell Dow Pharmaceuticals, Inc.* decision. The issues underlying these challenges are treated in Chapters 9 and 10.

Again for the most part I found this book to be very informative, complete, and interesting reading. Chapter 6 on Fingerprint Detection with Photoluminescent Nanoparticles is very technical but critical to understanding photoluminescence as a general approach to the detection of latent fingerprints. After reviewing this book, I can honestly say that I have a better and more complete understanding of the advances in fingerprint technology. This book with its revisions should be required reading for the latent print examiner in training as well as the seasoned veteran.

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