Over the past decade, there has been an increase in attention and focus on the discipline of software engineering. Software engineering tools and techniques have been developed to gain more predictable quality improvement results. Process standards such as Capability Maturity Model Integration (CMMI), ISO 9000, Software Process Improvement and Capability dEtermination (SPICE), Agile Methodologies, and others have been proposed to assist organizations to achieve more predictable results by incorporating these proven standards and procedures into their software process.

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Topics Covered:

- Agile Methodologies
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- Industrial Best Practices
- Software Process Lines
- Requirement Engineering Process Improvement
- Software Process Assessment & Software Process Improvement
- Software Process Improvement for Very Small Enterprises
- Quality and Measurement
- CMM, CMMI, TSP and PSP
- Automated Support for Software Process

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Niazi Mahmood (Keele University, UK & King Fahd University of Petroleum and Minerals, Saudi Arabia)
Zahran Sami (Process Improvement Consultant, UK)

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Requirements Engineering Process Improvement and Related Models
Solomon Badariah (Universiti Tenaga Nasional, Malaysia)
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