

Presentation Title: Metrics-based verification planning

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Presentation Abstract:

The planning method presented uses historical data and a quantitatively specified level of defect removal and allows the planner to allocate verification resources to each software development phase. For verification activities related to items of known size, the allocation can be used to the work product level (i.e. individual documents and code modules). Metrics data from the current project can provide quantitative acceptance criteria at the same level.

The planning method is developed by the presenter and was previously presented at the 1991 COMPSAC conference in Chicago.

Brief Bio:

Tom Walton is a graduate of Mech Eng from the University of Alberta. He began working in Software Quality Assurance in 1985 when he joined Leigh Instruments. He spent four years working for CAL Corporation and ten years working for Alcatel Canada (formerly Newbridge Networks).