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Techniques, Tools and Formalisms for Capturing and Assessing the Architectural Quality in Object-Oriented Software -- Experiences in Object-Oriented Re-Engineering -- Object-Oriented Software

Architectures -- Third International Workshop on Component-Oriented -- Second ECOOP Workshop on Precise Behavioral Semantics (with an Emphasis on OO Business Specifications) -- Tools and Environments for Business Rules -- Object-Oriented Business Process modelling -- Object Oriented Product Metrics for Quality Assessment -- ECOOP Workshop on Distributed Object Security -- 4th ECOOP Workshop on Mobility: Secure Internet Mobile Computations -- 3rd Workshop on Mobility and Replication -- Learning and Teaching Objects Successfully -- ECOOP'98 Workshop on Reflective Object-Oriented Programming and Systems -- Aspect Oriented Programming -- Parallel Object-

Oriented Scientific Computing -- Automating the Object-Oriented Development Process -- Object-Oriented Technology and Real-Time

Systems -- Demonstrations -- Posters.

Sommario/riassunto At the time of writing (mid-October 1998) we can look back at what

has been a very successful ECOOP'98. Despite the time of the year – in the middle of what is traditionally regarded as a holiday period – $\,$

ECOOP'98 was a record breaker in terms of number of participants.

Over 700 persons found their way to the campus of the Brussels Free University to participate in a wide range of activities. This 3rd ECOOP workshop reader reports on many of these activities. It contains a careful selection of the input and a cautious summary of the outcome for the numerous discussions that happened during the workshops, demonstrations and posters. As such, this book serves as an excellent snapshot of the state of the art in the field of object oriented programming. About the diversity of the submissions A workshop reader is, by its very nature, quite diverse in the topics covered as well as in the form of its contributions. This reader is not an exception to this rule: as editors we have given the respective organizers much freedom in their choice of presentation because we feel form follows content. This explains the diversity in the types of reports as well as in their lay out.