

Editor's Note: Special Issue on Automatic Software Repair

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Automatic software repair is a research field that has gained momentum over the past years. *Empirical Software Engineering* has contributed to fostering this movement with this special issue on Automatic Software Repair, containing the following six papers, which represent a diversity of research in this area:

- “ChangeLocator: locate crash-inducing changes based on crash reports” by Rongxin Wu, Ming Wen, Shing-Chi Cheung, and Hongyu Zhang
- “Do automated program repair techniques repair hard and important bugs?” by Manish Motwani, Sandhya Sankaranarayanan, René Just, and Yuriy Brun
- “A correlation study between automated program repair and test-suite metrics” by Jooyong Yi, Shin Hwei Tan, Sergey Mechtaev, Marcel Böhme, and Abhik Roychoudhury
- “Improved representation and genetic operators for linear genetic programming for automated program repair” by Vinicius Paulo L. Oliveira, Eduardo Faria de Souza, Claire Le Goues, and Celso G. Camilo-Junior
- “Overfitting in semantics-based automated program repair” by Xuan Bach D. Le, Ferdian Thung, David Lo, Claire Le Goues
- “Pinpointing and repairing performance bottlenecks in concurrent programs” by Tingting Yu and Michael Pradel

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