Monday, 15 Jun 2015

8:30am - 8:40am	**Welcome** Chair: **Danijel Schorlemmer**
8:40am - 10:00am	**Modeling of Seismicity: A. Statistical Problems and Solutions – Part 1** Chair: **Gert Zöller**
10:00am - 10:30am	**Coffee break**
10:30am - 12:10pm	**Modeling of Seismicity: A. Statistical Problems and Solutions – Part 2** Chairs: **Eric Fox & Joshua Gordon**
12:10pm - 2:00pm	**Lunch**
2:00pm - 3:00pm	**Modeling of Seismicity: B. Applications – Part 1** Chair: **Jiancang Zhuang**
3:00pm - 5:00pm	**Poster session A (& Coffee)** Chair: **Danijel Schorlemmer**
5:00pm - 6:00pm	**Modeling of Seismicity: B. Applications – Part 2** Chair: **David Rhoades**
6:00pm - 7:00pm	**Discussion** Chair: **David Rhoades**

Tuesday, 16 Jun 2015

8:30am - 10:10am	**Physics of Earthquakes on Different Scales – Part 1** Chair: **David Marsan**
10:10am - 10:40am	**Coffee break**
10:40am - 12:00pm	**Physics of Earthquakes on Different Scales – Part 2** Chair: **Sebastian Hainzl**
12:00pm - 2:00pm	**Lunch**
2:00pm - 3:20pm	**Understanding and Quantifying Induced Seismicity – Part 1** Chair: **Morgan Page**
3:20pm - 3:50pm	**Coffee break**
3:50pm - 5:10pm	**Understanding and Quantifying Induced Seismicity – Part 2** Chair: **Morgan Page**
5:10pm - 6:00pm	**Discussion** Chair: **Morgan Page**

Wednesday, 17 Jun 2015

8:30am - 10:10am	**New Perspectives in Probabilistic Earthquake Forecasting and Testing – Part 1** Chair: **Matthew Gerstenberger**
10:10am - 10:40am	**Coffee break**
10:40am - 12:00pm	**New Perspectives in Probabilistic Earthquake Forecasting and Testing – Part 2** Chair: **Warner Marzocchi**
12:00pm - 2:00pm	**Lunch**
2:00pm - 3:00pm	**New Perspectives in Probabilistic Earthquake Forecasting and Testing – Part 3** Chair: **Stefan Wiemer**
3:00pm - 5:00pm	**Poster session B (& Coffee)** Chair: **Sebastian Hainzl**
5:00pm - 6:20pm	**New Perspectives in Probabilistic Earthquake Forecasting and Testing – Part 4** Chair: **David Jackson**
6:20pm - 7:00pm	**Discussion** Chair: **David Jackson**

Monday, 15 Jun 2015 – AM Sessions

Modeling of Seismicity: A. Statistical Problems and Solutions – Part 1
Chair: **Gert Zöller**

8:40am - 9:00am	**Some thoughts on the estimation of maximum and corner magnitude** Matteo Taroni, Warner Marzocchi, Jeremy D. Zechar
9:00am - 9:20am	**Statistical tests for the tail of the seismic-moment distribution of global shallow earthquakes** Isabel Serra, Álvaro Corral
9:20am - 9:40am	**Mmax** Matthias Holschneider, Gert Zoeller
9:40am - 10:00am	**Self-similar aftershock rates** Joern Davidsen
10:00am - 10:30am	**Coffee break**

Modeling of Seismicity: A. Statistical Problems and Solutions – Part 2
Chairs: **Eric Fox & Joshua Gordon**

10:30am - 10:50am	**A simple model for earthquake statistics compared to observations and experiments** Karin A. Dahmen, Yehuda Ben-Zion, Braden Brinkman, Thomas Goebel, Michael LeBlanc, Danijel Schorlemmer, Jonathan Uhl
10:50am - 11:10am	**Condensation of earthquake location catalogs and implications for earthquake triggering models** Yavor Kamer, Guy Ouillon, Didier Sornette, Jochen Woessner
11:10am - 11:30am	**Statistical Properties of Marsan-Lenglin\'e Estimates of Triggering Functions for Space-time Marked Point Processes** Eric Fox, Rick Paik Schoenberg, Joshua Gordon
11:30am - 11:50am	**Full nonparametric estimate of space-time ETAS model** Giada Adelfio, Marcello Chiodi
11:50am - 12:10pm	**Spatial distribution of aftershocks as a hallmark for different stress regimes** Eugenio Lippiello, Ferdinando Giacco, Cataldo Godano, Warner Marzocchi, Lucilla de Arcangelis
12:10pm - 2:00pm	**Lunch**

Monday, 15 Jun 2015 – PM Sessions

Modeling of Seismicity: B. Applications – Part 1
Chair: **Jiancang Zhuang**

2:00pm -	**2:20pm**	**Empirical Estimation of Fault Directionality for Improved Non-parametric Estimation of Branching Models for Earthquake Occurrences** Joshua Gordon
2:20pm -	**2:40pm**	**Predicting changing rates of swarm activity by volumetric strain changes** Takao Kumazawa, Yosihiko Ogata, Kazuhiro Kimura, Kenji Maeda, Akio Kobayashi
2:40pm -	**3:00pm**	**Insights on stress-drop magnitude-dependency and source-variability from the analysis of accelerometric data and non-ergodic GMPEs** Fabrice Cotton, Boumediène Derras, Stephane Drouet, Christian Molkenthin

Poster session A (& Coffee)
Chair: **Danijel Schorlemmer**

Modeling of Seismicity: B. Applications – Part 2
Chair: **David Rhoades**

5:00pm -	**5:20pm**	**Detecting spatial variations of earthquake clustering parameters via maximum weighted likelihoods estimates** Jiancang Zhuang
5:20pm -	**5:40pm**	**Short-term foreshocks and their predictive value** Gerassimos Papadopoulos, Markos Avlonitis, Boris Di Fiore, George Minadakis
5:40pm -	**6:00pm**	**Hidden Markov Modeling of Sparse Time Series from Non-volcanic Tremor observations** Ting Wang, Jiancang Zhuang, Kazushige Obara, Hiroshi Tsuruoka

Discussion
Chair: **David Rhoades**

Monday, 15 Jun 2015 – Poster Session

A comment on Saichev and Sornette (2005, PRE), Ogata and Zhuang (2006, PRE) and Vere-Jones and Zhuang (2008, PRE): Three modes of the distribution of the largest event in the critical ETAS model
Jiawen Luo

Accelerometric data analysis and frictional Properties Variations of the Subduction Interface in Northern Chile
Jesus Piña, Fabrice Cotton, Anne Socquet

Aggregated seismicity time series: Is there clear evidence of precursory patterns?
Angeliki Adamaki, Roland Roberts, IMO SIL Monitoring Group

An improved ETAS model for inverting the rupture geometry from seismicity triggerring
Yicun Guo, Jiancang Zhuang, Shiyong Zhou

Analogue earthquakes: A test bed for physical and statistical models?
Michael Rudolf, Matthias Rosenau, Karen Leever, Onno Onken

Anisotropic kernels for the estimation of space-time ETAS models
Giada Adelfio, Marcello Chiodi, Orietta Nicolis

Aseismic transient driving the swarm-like seismic sequence in the Pollino range, Southern Italy.
Luigi Passarelli, Sebastian Hainzl, Simone Cesca, Francesco Maccaferri, Marco Mucciarelli, Dirk Roessler, Fabio Corbi, Torsten Dahm, Eleonora Rivalta

Bigger aftershocks happen farther away: non-separability of magnitude and spatial distributions of aftershocks
Nicholas van der Elst, Bruce Shaw

Changes in seismicity and stress loading on subduction faults in the Kanto region, Japan, 2011 - 2014
Blandine Marie Gardonio, David Marsan, Olivier Lengliné, Bogdan Enescu, Michel Bouchon, Jean-Luc Got

Characteristic of Upper Mantle Anisotropy Beneath Sunda Banda Transition Zone
Samsul Hadi Wiyono, Andri Dian Nugraha

Combining rate-based earthquake forecasting models with precursory information and with non-normalized models
Peter Shebalin, Clement Narteau, Jeremy Zechar

Confidence Intervals for the Magnitude of the Largest Aftershock
Robert Shcherbakov

Data-driven spatial b-value estimation with applications to California seismicity: To b or not to b
Yavor Kamer, Stefan Hiemer

Development of a Bayesian method to estimate a fault slip distribution of a large earthquake from the spatial aftershock distribution and rate- and state friction law: inclusion of information on magnitude as a prior distribution
Takaki Iwata

Does the Spatial Analysis of 2012 Ahar-Varzeghan (Northwestern Iran) Seismic Sequence Corroborate the Tectonic Interpretations?
Pouye Yazdi, Miguel Ángel Santoyo García-Galiano

Efficient identification of fault and auxiliary planes from focal mechanisms using EM-based cluster analysis
Sebastian Specht, Fabrice Cotton

Energy release, source parameters and fault plan solution of July 18 and 22, 2014 Gulf of Suez earthquakes
Abdelaziz Khairy, Gad-Elkareem Mohamed, Ahmed Badawy

Fault-Zone Maturity Defines Maximum Earthquake Magnitude
Marco Bohnhoff, Fatih Bulut, Eva Stierle, Patricia Martinez-Garzon, Yehuda Ben-Zion

Identifying stages in the aftershock generation process by inter-event times analysis.
F. Ramón Zúñiga, Angel Figueroa-Soto, Víctor Hugo Márquez, Marisol Monterrubio

Kinematic Study of Pisagua Earthquake 2014 - Northern Chile: Analysis of the Frequency Content and its Impact on the Understanding of the Seismogenic Zone
Jorge Jara, Jesus Pina-Valdes, Anne Socquet, Fabrice Cotton, Javier Ruiz, Andrea Walpersdorf, Nathalie Cotte

Long-term effects of rifting-induced stress changes on the earthquake statistics in the Tjörnes Fracture Zone (North Iceland)
Masoud Allahbakhshi, Luigi Passarelli, Francesco Maccaferri, Eleonora Rivalta

Monday, 15 Jun 2015 – Poster Session

Near-source ground motion observations of large earthquakes are inconsistent with concept of deterministic rupture propagation
Men-Andrin Meier, Tom Heaton, John Clinton

Nucleation, propagation and arrest of transient slip in seismic swarms in the Tjörnes Fracture Zone (North Iceland)
Eleonora Rivalta, Luigi Passarelli, Francesco Maccaferri, Sigurjon Jonsson

On the focal mechanism distributions of background seismicity and triggered seismicity in the Japan region
Minzhen Wang, Jiancang Zhuang

Parametric and Non-Parametric Procedures for Estimating Maximum Magnitude of Earthquakes in Different Seismotectonic Provinces of Iran
Mona Salamat, Mehdi Zare

Relationship between aftershock parameters and physical properties of the crust.
Olga Zakharova, Sebastian Hainzl, Bogdan Enescu

Relationship between changes in rate of background earthquakes and slow slip in Boso, Japan
Thomas Reverso, David Marsan, Agnès Helmstetter

Significant Relative Quiescence along the western end part of Kuril subduction zone more than 5 years
Ritsuko S. Matsu'ura

Spatial-Temporal Analysis of b-value in M6.3 Southwest Iran Earthquake of 09 April 2013, as an earthquake precursor
Zari Bordbar, Mohammad Reza Hatami

Spatio-temporal behavior on simulated aftershock sequences using the Fiber Bundle Model
Marisol Monterrubio, Ramon Zuñiga, Victor Hugo Marquez, Angel Figueroa-Soto

Spatiotemporal variation of b-value in Molucca Collision Zone using high precision relocated hypocenters
Hasbi Ash Shiddiqi, Sri Widiyantoro, Andri Dian Nugraha, Mohamad Ramdhan, Wandono Wandono, Sutiyono Sutiyono, Titi Handayani

Static stress triggering explains the empirical aftershock distance decay
Sebastian Hainzl, Javad Moradpour, Jörn Davidsen

Systematic assessment of the static stress-triggering hypothesis using inter-earthquake time statistics
Shyam Nandan, Guy Ouillon, Jochen Wössner, Didier Sornette, Stefan Wiemer

The national Spanish earthquake catalogue: Magnitude of completeness, location precision, and mine blasts
Álvaro González

The role of small earthquakes in modeling foreshock occurrence with ETAS
Stefanie Seif, Arnaud Mignan, Jeremy Zechar, Stefan Wiemer

The spatial and temporal variation of the b-value in Southwest of China
Shiyong Zhou, Shenjian Zhang

Rate-and-State California Earthquake Forecasts: Resolving Stress Singularities
Anne Strader, David D. Jackson

Tuesday, 16 Jun 2015 – AM Sessions

Physics of Earthquakes on Different Scales – Part 1
Chair: **David Marsan**

8:30am - 8:50am	**Slow slip transients and large earthquakes** Aitaro Kato
8:50am - 9:10am	**Quantitative evaluation of slip balance between co- and inter- seismic phase** Lifeng Wang
9:10am - 9:30am	**Earthquakes versus interseismic coupling in the North Chile - South Peru seismic gap** Anne Socquet, Jorge Jara, Marta Bejar Pizzaro, Marianne Métois, Daniel Carrizo, Nathalie Cotte, Edmundo Norabuena, Mohamed Chlieh
9:30am - 9:50am	**Applying Statistical Seismology to Image the Physical Properties of the Crust** Egill Hauksson
9:50am - 10:10am	**What is characteristic about a characteristic earthquake? Implications from multi-scale studies of the relative earthquake size distribution** Stefan Wiemer, Thessa Tormann
10:10am - 10:40am	**Coffee break**

Physics of Earthquakes on Different Scales – Part 2
Chair: **Sebastian Hainzl**

10:40am - 11:00am	**Relative quiescence associated with the 2011 Tohoku-oki earthquake in the preceding aftershock sequences: What controls seismic sensitivity to negative stress change?** Yuhei Suzuki, Shinji Toda, Keisuke Yoshida, Tomomi Okada
11:00am - 11:20am	**Exploring aftershock properties with depth** Peter Shebalin, Clement Narteau
11:20am - 11:40am	**Deterministic Model of Earthquake Clustering Shows Reduced Stress Drops for Nearby Aftershocks** Bruce Edward Shaw, Keith Richards Dinger, James H Dieterich
11:40am - 12:00pm	**Varibility in aftershock productivity, and its relationship with stress drop** David Marsan, Agnès Helmstetter
12:00pm - 2:00pm	**Lunch**

Tuesday, 16 Jun 2015 – PM Sessions

Understanding and Quantifying Induced Seismicity – Part 1
Chair: **Morgan Page**

2:00pm -	**2:20pm**	**Earthquake scaling laws for the 2000 dike at Miyakejima (Japan) and relation to stress changes and focal mechanisms.** Eleonora Rivalta, Luigi Passarelli, Simone Cesca, Yosuke Aoki
2:20pm -	**2:40pm**	**Seismological characterization of micro- and macrofracturing processes in a fault zone: A comparison of laboratory stick-slip friction experiments and close-by monitoring of Mw1.9 fault in a deep South African gold mine** Grzegorz Kwiatek, Katrin Plenkers, Thomas Goebel, Georg Dresen
2:40pm -	**3:00pm**	**Assessing Earthquake Hazards in the Anthropocene: Induced Seismicity in the Central and Eastern US** Andrea L. Llenos, Justin L. Rubinstein, William L. Ellsworth, Charles S. Mueller, Andrew J. Michael, Arthur McGarr, Mark D. Petersen, Matthew Weingarten, Austin A. Holland
3:00pm -	**3:20pm**	**A Ground Motion Discriminant for Injection-Induced Earthquakes** Susan E. Hough
3:20pm -	**3:50pm**	**Coffee break**

Understanding and Quantifying Induced Seismicity – Part 2
Chair: **Morgan Page**

3:50pm -	**4:10pm**	**Induced Aftershock Sequences and Swarms in Geothermal Systems** Robert Shcherbakov, Donald L. Turcotte, M. Burak Yikilmaz, Louise H. Kellogg, John B. Rundle
4:10pm -	**4:30pm**	**Seismogenic Index, Bounds of Magnitude Probability and Triggered versus Induced Earthquakes** Serge A. Shapiro, Oliver Krüger O., Carsten Dinske C, Cornelius Langenbruch
4:30pm -	**4:50pm**	**Examples of induced/triggered seismicity in Italy: state of the art and perspectives** Thomas Braun, Buttinelli Mauro, Caciagli Marco, Improta Luigi, Piccinini Davide, Saccorotti Gilberto, Scrocca Davide
4:50am -	**5:10pm**	**Performance evaluation of models to forecast fluid-induced seismicity** Flaminia Catalli, Sebastian Hainzl, Torsten Dahm

Discussion
Chair: **Morgan Page**

Wednesday, 17 Jun 2015 – AM Sessions

New Perspectives in Probabilistic Earthquake Forecasting and Testing – Part 1
Chair: **Annemarie Christophersen**

8:30am - 8:50am	**Anomalous hiatus of California paleo-earthquakes?** David Diether Jackson
8:50am - 9:10am	**Adaptive smoothing of seismicity in time, space and magnitude for long-term and short-term earthquake forecasts** Agnès Helmstetter, Maximilian Werner
9:10am - 9:30am	**On the earthquake predictability of fault interaction models** Warner Marzocchi, Daniele Melini
9:30am - 9:50am	**Reviews on the pre- and post-seismicity of the Tohoku-Oki mega-earthquake, and future long-term forecasts** Yosihiko Ogata
9:50am - 10:10am	**Toward automatic aftershock forecasting in Japan** Takahiro Omi, Yosihiko Ogata, Katsuhiko Shiomi, Bogdan Enescu, Kaoru Sawazaki, Kazuyuki Aihara
10:10am - 10:40am	**Coffee break**

New Perspectives in Probabilistic Earthquake Forecasting and Testing – Part 2
Chair: **Warner Marzocchi**

10:40am - 11:00am	**Global Earthquake Forecast** Yan Y. Kagan
11:00am - 11:20am	**Correlation-based evaluation for earthquake forecast** Ken'ichiro Yamashina, Hiroshi Tsuruoka, Tetsuto Himeno
11:20am - 11:40am	**Testing by hybridisation - a practical approach to testing earthquake forecasting models** David A. Rhoades, Annemarie Christophersen, Matthew C. Gerstenberger
11:40am - 12:00pm	**Operational Earthquake Forecasting in New Zealand: Advances and challenges** Annemarie Christophersen, David A. Rhoades, David Harte, Matthew C. Gerstenberger
12:00pm - 2:00pm	**Lunch**

Wednesday, 17 Jun 2015 – PM Sessions

New Perspectives in Probabilistic Earthquake Forecasting and Testing – Part 3
Chair: **Stefan Wiemer**

2:00pm -	**2:20pm**	**Retrospective Evaluation of Time-Dependent Earthquake Forecast Models during the 2010-12 Canterbury, New Zealand, Earthquake Sequence** Maximilian Werner, Matthew Gerstenberger, Maria Liukis, Warner Marzocchi, David Rhoades, Matteo Taroni, Jeremy Zechar, Camilla Cattania, Annemarie Christophersen, Sebastian Hainzl, Agnes Helmstetter, Abigail Jimenez, Sandy Steacy, Thomas Jordan
2:20pm -	**2:40pm**	**Five-year Japanese earthquake predictability experiment with multiple runs since 2009 including the 2011 Tohoku-oki earthquake** Naoshi Hirata, Hiroshi Tsuruoka, Danijel Schorlemmer
2:40pm -	**3:00pm**	**UCERF3-ETAS: Including Spatiotemporal Clustering for a California Operational Earthquake Forecast** Edward H. Field & other WGCEP participants

Poster session B (& Coffee)
Chair: **Sebastian Hainzl**

New Perspectives in Probabilistic Earthquake Forecasting and Testing – Part 4
Chair: **David Jackson**

5:00pm -	**5:20pm**	**Testing probabilistic seismic hazard estimates against accelerometric data in two countries: France and Turkey** Hilal Tasan, Céline Beauval, Agnès Helmstetter
5:20pm -	**5:40pm**	**Comparing USGS NSHMs with DYFI observations** Sum Mak, Danijel Schorlemmer
5:40pm -	**6:00pm**	**How much spatio-temporal clustering should one build into a risk model?** Delphine Fitzenz

Discussion
Chair: **David Jackson**

Wednesday, 17 Jun 2015 – Poster Session

A parimutuel gambling perspective to compare probabilistic seismicity forecasts and deterministic eartquake predictions
J. Douglas Zechar, Marc Rierola, Jiancang Zhuang

A Potential Promising Approach to Extract Ionospheric Anomaly Related to Earthquake from DEMETER Satellite Data
Yongxian Zhang, Caiyun Xia, Turson Nilupar, Xiaotao Zhang, Yongjia Wu

Aftershock Statistics of Injection-Induced Earthquakes in the Central U.S.
Morgan Page, Susan Hough

Applying clustering model and Gutenberg-Richter's Law to Forecast Large Aftershocks
Peter Shebalin, Sergey Baranov

Communicating time-varying seismic risk during an earthquake sequence
Marcus Herrmann, J. Douglas Zechar, Stefan Wiemer

Computationally Efficient Earthquake Detection with Continuous Seismic Waveform Data
Clara Yoon, Ossian O'Reilly, Karianne Bergen, Gregory Beroza

Continuous Time Random Walk (CTRW) approach on modeling anomalous (pore-pressure?) diffusion in the 2001 Agios Ioanis (West Corinth rift) earthquake swarm sequence.
Georgios Michas, Filippos Vallianatos, Peter Sammonds

CSEP-based Test Bench for Assessing Induced Seismicity Models
Eszter Kiraly, J. Douglas Zechar, Valentin Gischig, Dimitrios Karvounis, Joseph Doetsch, Stefan Wiemer

Development of Seismicity Analysis software: TSEIS – ETAS module implementation
Hiroshi Tsuruoka, Yoshihiko Ogata

Ensemble Model Earthquake Forecasts during the 2010-12 Canterbury, New Zealand, Earthquake Sequence
Matteo Taroni, Warner Marzocchi, Maximilian Werner, Jeremy D. Zechar

Forward Induced Seismic Hazard Assessment – FISHA Application to the seismicity catalogue generated by a discrete element hydromechanical model
Amir Hossein Hakimhashemi, Jeoung Seok Yoon, Arno Zang, Oliver Heidbach, Gottfried Grünthal

Improvement of aftershock models based on Coulomb stress interactions and rate-state dependent friction
Camilla Cattania, Sebastian Hainzl, Lifeng Wang, Frank Roth, Bogdan Enescu

Insights from applying a statistical medium-term forecast model to physics based synthetic catalogues
Annemarie Christophersen, David A. Rhoades, Harmony V. Colella

Italian and Japanese Ground Motion Prediction Equations (GMPEs): Accounting for epistemic uncertainty through ensemble modeling
Pamela Roselli, Warner Marzocchi, Licia Faenza

Lessons from the establishment of the Operational Earthquake Forecast System in Italy
Anna Maria Lombardi

Modelling of induced seismicity and frequency-magnitude relation in multi-stage hydraulic stimulation of crystalline geothermal reservoir
Jeoung Seok Yoon, Arno Zang, Günter Zimmermann, Ove Stephansson

Multivariate Poisson hidden Markov Models: The case study of the North Aegean Sea, Western Greece
Katerina Orfanogiannaki, Dimitris Karlis, Gerassimos Papadopoulos

Fault-Zone Maturity Defines Maximum Earthquake Magnitude
Marco Bohnhoff, Fatih Bulut, Eva Stierle, Patricia Martinez-Garzon, Yehuda Ben-Zion

Identifying stages in the aftershock generation process by inter-event times analysis.
F. Ramón Zúñiga, Angel Figueroa-Soto, Víctor Hugo Márquez, Marisol Monterrubio

Kinematic Study of Pisagua Earthquake 2014 - Northern Chile: Analysis of the Frequency Content and its Impact on the Understanding of the Seismogenic Zone
Jorge Jara, Jesus Pina-Valdes, Anne Socquet, Fabrice Cotton, Javier Ruiz, Andrea Walpersdorf, Nathalie Cotte

Long-term effects of rifting-induced stress changes on the earthquake statistics in the Tjörnes Fracture Zone (North Iceland)
Masoud Allahbakhshi, Luigi Passarelli, Francesco Maccaferri, Eleonora Rivalta

Wednesday, 17 Jun 2015 – Poster Session

On the convolution of stochastic processes for modelling strong earthquake occurrences: a multi-rupture model driven by a self-correcting model
Renata Rotondi, Elisa Varini

Optimal short-term earthquake forecasts based on ULF seismo-magnetic data
Peng Han, Katsumi Hattori, Jiancang Zhuang

Probabilistic, non-linear relocation of the 1980-2014 Southern Californian seismicity
Yavor Kamer, Guy Ouillon, Edi Kissling, Didier Sornette

Relationship between skewness and kurtosis for characterizing seismic excitations in Corinth Gulf (Greece)
Maria Mesimeri, Vassilios Karakostas, Eleftheria Papadimitriou, George Tsaklidis

Retrospective forecast of ETAS model with daily parameters estimate
Giuseppe Falcone, Maura Murru, Rodolfo Console, Warner Marzocchi, Jiancang Zhuang

Seismic Hazard Assessment in Corinth Gulf (Greece) via a Moment Release Model
Ourania Mangira, Georgios Tsaklidis, Eleftheria Papadimitriou, Irene Votsi

Seismic Parameters Variations for Iran and Its Vicinity
Mona Salamat, Mehdi Zare

Seismicity properties revealed by stochastic means: Application in Corinth Gulf and Mygdonia Basin (Greece) seismic zones
Charikleia Gkarlaouni, Stanislaw Lasocki, Eleftheria Papadimitriou

Seismicity simulation in Ordos region of China based on the fault interactions and hazard assessment
Xin Jin, Shiyong Zhou

Short-term earthquake risk assessment considering time-dependent b-values
Laura Gulia, Thessa Tormann, Stefan Wiemer, Marcus Herrmann

Spatial Analysis of Earthquake Frequency-Magnitude Distribution at Geothermal Region in the South of Bandung, West Java, Indonesia
Dicky Ahmad Zaky, Andri Dian Nugraha, Mohammad Rachmat Sule, Philippe Jousset

Spatiotemporal variations of faulting regimes and source parameters of induced seismicity at The Geysers geothermal field
Patricia Martínez-Garzón, Grzegorz Kwiatek, Hiroki Sone, Marco Bohnhoff, Georg Dresen, Craig Hartline

Statistical properties of microearthquakes induced by hydraulic fracturing
Samira Maghsoudi, Jörn Davidsen, David Eaton

The medium-term seismic hazard model for Italy
Licia Faenza, Warner Marzocchi, Pamela Roselli, Giuseppe Falcone, Matteo Taroni

The simplest probabilistic model for spatial forecasting of earthquake locations
Álvaro González

A pattern recognition algorithm for early characterization of seismic clusters in Italy
Stefania Gentili, Rita Di Giovambattista