

Robert C. Morehead | Curriculum Vitæ

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Publications

- **Planetary Candidates Observed by Kepler IV: Planet Sample from Q1-Q8 (22 Months)**
Burke, C. J., Bryson, S. T., Mullally, F., Rowe, J. F., Christiansen, J. L., Thompson, S. E., Coughlin, J. L., Haas, M. R., Batalha, N. M., Caldwell, D. A., et al. The Astrophysical Journal Supplement, Volume 210, Issue 2, article id. 19, <NMPAGES>12</NMPAGES> pp. (2014).
- **Transit timing observations from Kepler - VII. Confirmation of 27 planets in 13 multiplanet systems via transit timing variations and orbital stability** BR Steffen, J. H., Fabrycky, D. C., Agol, E., Ford, E. B., Morehead, R. C., Cochran, W. D., Lissauer, J. J., Adams, E. R., Borucki, W. J., Bryson, S., et al. Monthly Notices of the Royal Astronomical Society, Volume 428, Issue 2, p.1077-1087
- **A Test of Stellar Cohabitation in Multiple Transiting Planet Systems**
Morehead, R. C., Ford, E. B. American Astronomical Society, AAS Meeting #221, #343.04
- **Constraining the false positive rate for Kepler planet candidates with multicolour photometry from the GTC**
Colón, K. D., Ford, E. B., Morehead, R. C. Monthly Notices of the Royal Astronomical Society, Volume 426, Issue 1, pp. 342-353.
- **Planet Occurrence within 0.25 AU of Solar-type Stars from Kepler**
Howard, A. W., Marcy, G. W., Bryson, S. T., Jenkins, J. M., Rowe, J. F., Batalha, N. M., Borucki, W. J., Koch, D. G., Dunham, E. W., Gautier, T. N., III, et al. The Astrophysical Journal Supplement, Volume 201, Issue 2, article id. 15, <NMPAGES>20</NMPAGES> pp. (2012).
- **Constraining the False Positive Rate for Kepler Planet Candidates with Multi-Color Photometry from the GTC**
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- **Transit Timing Observations from Kepler. II. Confirmation of Two Multiplanet Systems via a Non-parametric Correlation Analysis**
Ford, E. B., Fabrycky, D. C., Steffen, J. H., Carter, J. A., Fressin, F., Holman, M. J., Lissauer, J. J.,

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- **Almost All of Kepler's Multiple-planet Candidates Are Planets**

Lissauer, J. J., Marcy, G. W., Rowe, J. F., Bryson, S. T., Adams, E., Buchhave, L. A., Ciardi, D. R., Cochran, W. D., Fabrycky, D. C., Ford, E. B., et al. The Astrophysical Journal, Volume 750, Issue 2, article id. 112, <NUMPAGES>15</NUMPAGES> pp. (2012).

- **Architecture of Kepler's Multi-transiting Systems: II. New investigations with twice as many candidates**

Fabrycky, D. C., Lissauer, J. J., Ragozzine, D., Rowe, J. F., Steffen, J. H., Agol, E., Barclay, T., Batalha, N., Borucki, W., Ciardi, D. R., et al. eprint arXiv:1202.6328

- **Kepler's candidate multiple transiting planets (Lissauer+, 2011)**

Lissauer, J. J., Ragozzine, D., Fabrycky, D. C., Steffen, J. H., Ford, E. B., Jenkins, J. M., Shporer, A., Holman, M. J., Rowe, J. F., Quintana, E. V., et al. VizieR On-line Data Catalog: J/ApJS/197/8. Originally published in: 2011ApJS..197....8L

- **Architecture and Dynamics of Kepler's Candidate Multiple Transiting Planet Systems**

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- **The Distribution of Transit Durations for Kepler Planet Candidates and Implications for Their Orbital Eccentricities**

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- **Enhancing Multiple-Transiting Planet System Validation with Transit Duration Ratios**

Morehead, R. C., Ford, E. B., Prša, A., Ragozzine, D. American Astronomical Society, ESS meeting #2, #28.01

- **Kepler's First Rocky Planet: Kepler-10b**

Batalha, N. M., Borucki, W. J., Bryson, S. T., Buchhave, L. A., Caldwell, D. A., Christensen-Dalsgaard, J., Ciardi, D., Dunham, E. W., Fressin, F., Gautier, T. N., III, et al. The Astrophysical Journal, Volume 729, Issue 1, article id. 27, <NUMPAGES>21</NUMPAGES> pp. (2011).

- **A closely packed system of low-mass, low-density planets transiting Kepler-11**
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- **Validation of Candidate Multiple-Transiting Planet Systems and Assessing Possible False Positives based on Photometric Observables**
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- **The Distribution of Orbital Eccentricities for Kepler Planet Candidates**
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- **The Architectures of Planetary Systems from Transit Observations**
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- **Five Kepler Target Stars That Show Multiple Transiting Exoplanet Candidates**
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- **Kepler-9: A System of Multiple Planets Transiting a Sun-Like Star, Confirmed by Timing Variations**
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- **Ground-based Multisite Observations of Two Transits of HD 80606b**
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- **Discovery of a Low-mass Companion to a Metal-rich F Star with the MARVELS Pilot Project**
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- **Status of a Program Monitoring Optical Lunar Surface Transients**
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