

Jim Pitman: Curriculum Vitae, March 8, 2007

Education

- 1970. Australian National University, Canberra. Statistics, B.Sc (Honors)
- 1974. Sheffield University, England. Probability and Statistics, Ph. D.

Appointments

- 1974 - 1975 Visiting Lecturer, Dept. Statistics, Univ. of California, Berkeley
- 1976 - 1978. Lecturer, Dept. Mathematics and Mathematical Statistics,
University of Cambridge, England
- 1977 - 1980. Assistant Professor, Dept. Statistics, Univ. of California, Berkeley
- 1980 - 1984. Associate Professor, Dept. Statistics, Univ. of California, Berkeley
- 1984 - 2000. Professor, Dept. Statistics, Univ. of California, Berkeley
- 2000 - Present. Professor, Depts. Statistics and Mathematics, Univ. of California, Berkeley

Professional Activity

- 1988-1993. Associate Editor of Annals of Probability
- 1989. Fellow of the Institute of Mathematical Statistics
- 1994-1996. Editor of Annals of Probability
- 2004-Present. Editor of Probability Surveys
- 2004-Present. Member of the Management Committee of Current Index to Statistics
- 2005-Present. Member of the Advisory Board of Project Euclid
- 2006-2007. President of the Institute of Mathematical Statistics

Bibliography

- [1] C.R. Heathcote and J. Pitman. An inequality for characteristic functions. *Bull. Aust. Math. Soc.*, 6:1–10, 1972.
- [2] J. Pitman and T.P. Speed. A note on random times. *Stoch. Proc. Appl.*, 1:369–374, 1973.
- [3] J. Pitman. Uniform rates of convergence for Markov chain transition probabilities. *Z. Wahrsch. Verw. Gebiete*, 29:193–227, 1974.
- [4] J. Pitman. *Stopping time identities and limit theorems for Markov chains*. PhD thesis, Dept. Prob. and Stat., University of Sheffield, 1974.
- [5] J. Pitman. An identity for stopping times of a Markov process. In *Studies in Probability and Statistics*, pages 41–57. Jerusalem Academic Press, 1974.
- [6] J. Pitman. Path decomposition for conditional Brownian motion. Technical Report 11, Inst. Math. Stat., Univ. of Copenhagen, 1974.
- [7] J. Pitman. One-dimensional Brownian motion and the three-dimensional Bessel process. *Advances in Applied Probability*, 7:511–526, 1975.

- [8] J. Pitman. On coupling of Markov chains. *Z. Wahrsch. Verw. Gebiete*, 35:315–322, 1976.
- [9] J. Pitman. Occupation measures for Markov chains. *Advances in Applied Probability*, 9:69–86, 1977.
- [10] M. Jacobsen and J. Pitman. Birth, death and conditioning of Markov chains. *Annals of Probability*, 5:430–450, 1977.
- [11] J. Pitman. An extension of de Finetti’s theorem. *Advances in Applied Probability*, 10:268–270, 1978.
- [12] D. J. Aldous and J. Pitman. On the zero-one law for exchangeable events. *Annals of Probability*, 7:704–723, 1979.
- [13] L.E. Dubins and J. Pitman. A pointwise ergodic theorem for the group of rational rotations. *Trans. Amer. Math. Soc.*, 251:299–308, 1980.
- [14] P. Greenwood and J. Pitman. Fluctuation identities for Lévy processes and splitting at the maximum. *Advances in Applied Probability*, 12:893–902, 1980.
- [15] P. Greenwood and J. Pitman. Fluctuation identities for random walk by path decomposition at the maximum. *Advances in Applied Probability*, 12:291–293, 1980.
- [16] P. Greenwood and J. Pitman. Construction of local time and Poisson point processes from nested arrays. *Journal of the London Mathematical Society*, 22:182–192, 1980.
- [17] J. Pitman and M. Yor. Processus de Bessel, et mouvement brownien, avec drift. *C.R. Acad. Sc. Paris, Série A*, 291:151–153, 1980.
- [18] L.E. Dubins and J. Pitman. A maximal inequality for skew fields. *Z. Wahrsch. Verw. Gebiete*, 52:219–227, 1980.
- [19] L.E. Dubins and J. Pitman. A divergent, two-parameter, bounded martingale. *Proc. Amer. Math. Soc.*, 78(3):414–416, 1980.
- [20] J. Pitman. A note on l_2 maximal inequalities. In *Séminaire de Probabilités XV*, volume 850 of *Lecture Notes in Math*, pages 251–258. Springer, 1981.
- [21] J. Pitman. Lévy systems and path decompositions. In *Seminar on Stochastic Processes, 1981*, pages 79–110. Birkhäuser, Boston, 1981.
- [22] L. C. G. Rogers and J. Pitman. Markov functions. *Annals of Probability*, 9:573–582, 1981.
- [23] J. Pitman and M. Yor. Bessel processes and infinitely divisible laws. In *Stochastic Integrals*, volume 851 of *Lecture Notes in Math.*, pages 285–370. Springer, 1981.
- [24] J. Pitman and M. Yor. A decomposition of Bessel bridges. *Z. Wahrsch. Verw. Gebiete*, 59:425–457, 1982.
- [25] J. Pitman and M. Yor. Sur une décomposition des ponts de Bessel. In M. Fukushima, editor, *Functional Analysis in Markov Processes*, volume 923 of *Lecture Notes in Math*, pages 276–285. Springer, 1982.

- [26] J. Pitman. Remarks on the convex minorant of Brownian motion. In *Seminar on Stochastic Processes, 1982*, pages 219–227. Birkhäuser, Boston, 1983.
- [27] D. J. Aldous and J. Pitman. The asymptotic speed and shape of a particle system. In *Probability, Statistics and Analysis*, London Math. Soc. Lecture Notes, pages 1–23. Cambridge Univ. Press, 1983.
- [28] J. Pitman and M. Yor. The asymptotic joint distribution of windings of planar Brownian motion. *Bulletin of the American Mathematical Society*, 10:109–111, 1984.
- [29] J. Pitman. Stationary excursions. In *Séminaire de Probabilités XXI*, volume 1247 of *Lecture Notes in Math.*, pages 289–302. Springer, 1986.
- [30] J. Pitman and M. Yor. Asymptotic laws of planar Brownian motion. *Annals of Probability*, 14:733–779, 1986.
- [31] J. Pitman and M. Yor. Some divergent integrals of Brownian motion. In D. G. Kendall, J. F. C. Kingman, and D. Williams, editors, *Analytic and Geometric Stochastics: Papers in Honour of G. E. H. Reuter (Special supplement to Adv. App. Prob)*, pages 109–116. Applied Prob. Trust, 1986.
- [32] J. Pitman and M. Yor. Level crossings of a Cauchy process. *Annals of Probability*, 14:780–792, 1986.
- [33] P. Diaconis and J. Pitman. Permutations, record values and random measures. Unpublished lecture notes. Dept. Statistics, U.C. Berkeley, 1986.
- [34] J. Pitman and M. Yor. Compléments à l’étude asymptotique des nombres de tours du mouvement brownien complexe autour d’un nombre fini de points. *C.R. Acad. Sc. Paris, Série I*, 305:757–760, 1987.
- [35] K. Burdzy, J. Pitman, and M. Yor. Some asymptotic laws for crossings and excursions. In *Colloque Paul Lévy sur les Processus Stochastiques*, Astérisque 157-158, pages 59–74. Société Mathématique de France, 1988.
- [36] J. Pitman and M. Yor. Further asymptotic laws of planar Brownian motion. *Annals of Probability*, 17:965–1011, 1989.
- [37] A. Adhikari and J. Pitman. The shortest planar arc of width one. *Amer. Math. Monthly*, 96, No 4:309–327, 1989.
- [38] M. Barlow, J. Pitman, and M. Yor. On walsh’s brownian motions. In *Séminaire de Probabilités XXIII*, volume 1372 of *Lecture Notes in Math.*, pages 275–293. Springer, 1989.
- [39] M. Barlow, J. Pitman, and M. Yor. Une extension multidimensionnelle de la loi de l’arc sinus. In *Séminaire de Probabilités XXIII*, volume 1372 of *Lecture Notes in Math.*, pages 294–314. Springer, 1989.
- [40] J. Neveu and J. Pitman. Renewal property of the extrema and tree property of a one-dimensional Brownian motion. In *Séminaire de Probabilités XXIII*, volume 1372 of *Lecture Notes in Math.*, pages 239–247. Springer, 1989.
- [41] J. Neveu and J. Pitman. The branching process in a Brownian excursion. In *Séminaire de Probabilités XXIII*, volume 1372 of *Lecture Notes in Math.*, pages 248–257. Springer, 1989.

- [42] K. Burdzy, J. Pitman, and M. Yor. Brownian crossings between spheres. *J. of Mathematical Analysis and Applications*, 148, No. 1:101–120, 1990.
- [43] D. Freedman and J. Pitman. A singular measure which is locally uniform. *Proc. Amer. Math. Soc.*, 108:371–381, 1990.
- [44] J. Pitman and M. Yor. Arcsine laws and interval partitions derived from a stable subordinator. *Proc. London Math. Soc. (3)*, 65:326–356, 1992.
- [45] M. Perman, J. Pitman, and M. Yor. Size-biased sampling of Poisson point processes and excursions. *Probab. Th. Rel. Fields*, 92:21–39, 1992.
- [46] P. Diaconis, J. Fill, and J. Pitman. Analysis of top to random shuffles. *Combinatorics, Probability and Computing*, 1:135–155, 1992.
- [47] S.M. Kozlov, J. Pitman, and M. Yor. Brownian interpretations of an elliptic integral. In *Seminar on Stochastic Processes, 1991*, pages 83–95. Birkhäuser, Boston, 1992.
- [48] S.M. Kozlov, J. Pitman, and M. Yor. Wiener soccer. *Theory Prob. Appl.*, 37:550–553, 1992.
- [49] J. Pitman. The two-parameter generalization of Ewens’ random partition structure. Technical Report 345, Dept. Statistics, U.C. Berkeley, 1992.
- [50] S. N. Evans and J. Pitman. Does every borel function have a somewhere continuous modification? *Real Analysis Exchange*, 18(1):276–280, 1993.
- [51] J. Pitman. Review of *Continuous Martingales and Brownian Motion* by Daniel Revuz and Marc Yor. *SIAM Review*, 35:532–533, 1993.
- [52] J. Pitman and M. Yor. Dilatations d’espace-temps, réarrangements des trajectoires browniennes, et quelques extensions d’une identité de Knight. *C.R. Acad. Sci. Paris*, t. 316, Série I:723–726, 1993.
- [53] P. Fitzsimmons, J. Pitman, and M. Yor. Markovian bridges: construction, palm interpretation, and splicing. In E. Çinlar, K.L. Chung, and M.J. Sharpe, editors, *Seminar on Stochastic Processes, 1992*, pages 101–134. Birkhäuser, Boston, 1993.
- [54] M. Klass and J. Pitman. Limit laws for Brownian motion conditioned to reach a high level. *Statistics and Probability Letters*, 17:13–17, 1993.
- [55] J. Pitman. *Probability*. Springer-Verlag, New York, 1993.
- [56] J. Bertoin and J. Pitman. Path transformations connecting Brownian bridge, excursion and meander. *Bull. Sci. Math. (2)*, 118:147–166, 1994.
- [57] D. J. Aldous and J. Pitman. Brownian bridge asymptotics for random mappings. *Random Structures and Algorithms*, 5:487–512, 1994.
- [58] J. Pitman. Exchangeable and partially exchangeable random partitions. *Probab. Th. Rel. Fields*, 102:145–158, 1995.
- [59] P. Diaconis, M. McGrath, and J. Pitman. Riffle shuffles, cycles and descents. *Combinatorica*, 15:11–29, 1995.

- [60] S. Asmussen, P. Glynn, and J. Pitman. Discretization error in simulation of one-dimensional reflecting brownian motion. *Ann. Applied Prob.*, 5:875–896, 1995.
- [61] J. Pitman and M. Yor. Quelques identités en loi pour les processus de Bessel. In *Hommage à P.A. Meyer et J. Neveu*, Astérisque, pages 249–276. Soc. Math. de France, 1996.
- [62] J. Pitman. Random discrete distributions invariant under size-biased permutation. *Adv. Appl. Prob.*, 28:525–539, 1996.
- [63] J. Pitman and M. Yor. Decomposition at the maximum for excursions and bridges of one-dimensional diffusions. In N. Ikeda, S. Watanabe, M. Fukushima, and H. Kunita, editors, *Itô's Stochastic Calculus and Probability Theory*, pages 293–310. Springer-Verlag, 1996.
- [64] J. Pitman. Cyclically stationary brownian local time processes. *Probab. Th. Rel. Fields*, 106:299–329, 1996.
- [65] J. Pitman. Some developments of the Blackwell-MacQueen urn scheme. In T.S. Ferguson et al., editor, *Statistics, Probability and Game Theory; Papers in honor of David Blackwell*, volume 30 of *Lecture Notes-Monograph Series*, pages 245–267. Institute of Mathematical Statistics, Hayward, California, 1996.
- [66] J. Pitman and M. Yor. Random discrete distributions derived from self-similar random sets. *Electron. J. Probab.*, 1:Paper 4, 1–28, 1996.
- [67] J. Pitman. Partition structures derived from Brownian motion and stable subordinators. *Bernoulli*, 3:79–96, 1997.
- [68] S. N. Evans and J. Pitman. Stopped markov chains with stationary occupation times. *Probab. Th. Rel. Fields*, 109:425–433, 1997.
- [69] H. Dette, J.A. Fill, J. Pitman, and W.J. Studden. Wall and siegmund duality relations for birth and death chains with reflecting barrier. *Journal of Theoretical Probability*, 10:349–374, 1997.
- [70] J. Pitman and M. Yor. The two-parameter Poisson-Dirichlet distribution derived from a stable subordinator. *Ann. Probab.*, 25:855–900, 1997.
- [71] R.K. Sheth and J. Pitman. Coagulation and branching process models of gravitational clustering. *Mon. Not. R. Astron. Soc.*, 289:66–80, 1997.
- [72] M. Jeanblanc, J. Pitman, and M. Yor. The feynman-kac formula and decomposition of brownian paths. *Comput. Appl. Math.*, 16:27–52, 1997.
- [73] J. Pitman. Probabilistic bounds on the coefficients of polynomials with only real zeros. *J. Comb. Theory A.*, 77:279–303, 1997.
- [74] J. Pitman and M. Yor. On the lengths of excursions of some Markov processes. In *Séminaire de Probabilités XXXI*, volume 1655 of *Lecture Notes in Math.*, pages 272–286. Springer, 1997.
- [75] J. Pitman and M. Yor. On the relative lengths of excursions derived from a stable subordinator. In *Séminaire de Probabilités XXXI*, volume 1655 of *Lecture Notes in Math.*, pages 287–305. Springer, 1997.

- [76] J. Pitman. Some probabilistic aspects of set partitions. *Amer. Math. Monthly*, 104:201–209, 1997.
- [77] S. N. Evans and J. Pitman. Construction of Markovian coalescents. *Ann. Inst. Henri Poincaré*, 34:339–383, 1998.
- [78] J. Pitman and M. Yor. Ranked functionals of brownian excursions. *C.R. Acad. Sci. Paris*, t. 326, Série I:93–97, 1998.
- [79] J. Pitman and M. Yor. Random Brownian scaling identities and splicing of Bessel processes. *Ann. Probab.*, 26:1683–1702, 1998.
- [80] S. N. Evans and J. Pitman. Stationary markov processes related to stable ornstein-uhlenbeck processes and the additive coalescent. *Stochastic Processes Appl.*, 77:175–185, 1998.
- [81] D. J. Aldous and J. Pitman. Tree-valued Markov chains derived from Galton-Watson processes. *Ann. Inst. Henri Poincaré*, 34:637–686, 1998.
- [82] D. J. Aldous and J. Pitman. The standard additive coalescent. *Ann. Probab.*, 26:1703–1726, 1998.
- [83] J. Pitman. Enumerations of trees and forests related to branching processes and random walks. In D. Aldous and J. Propp, editors, *Microsurveys in Discrete Probability*, number 41 in DIMACS Ser. Discrete Math. Theoret. Comp. Sci, pages 163–180, Providence RI, 1998. Amer. Math. Soc.
- [84] J. Pitman. The multinomial distribution on rooted labeled forests. Technical Report 499, Dept. Statistics, U.C. Berkeley, 1998.
- [85] P. Fitzsimmons and J. Pitman. Kac’s moment formula and the feynman-kac formula for additive functionals of a markov process. *Stochastic Process. Appl.*, 79:117–134, 1999.
- [86] J. Pitman. Coalescent random forests. *J. Comb. Theory A.*, 85:165–193, 1999.
- [87] J. Pitman and M. Yor. Laplace transforms related to excursions of a one-dimensional diffusion. *Bernoulli*, 5:249–255, 1999.
- [88] J. Pitman. The SDE solved by local times of a Brownian excursion or bridge derived from the height profile of a random tree or forest. *Ann. Probab.*, 27:261–283, 1999.
- [89] D. J. Aldous and J. Pitman. A family of random trees with random edge lengths. *Random Structures and Algorithms*, 15:176–195, 1999.
- [90] J. Pitman and M. Yor. The law of the maximum of a Bessel bridge. *Electron. J. Probab.*, 4:Paper 15, 1–35, 1999.
- [91] J. Pitman. Coalescents with multiple collisions. *Ann. Probab.*, 27:1870–1902, 1999.
- [92] Ph. Carmona, F. Petit, J. Pitman, and M. Yor. On the laws of homogeneous functionals of the Brownian bridge. *Studia Sci. Math. Hungar.*, 35:445–455, 1999.
- [93] J. Pitman and M. Yor. Path decompositions of a brownian bridge related to the ratio of its maximum and amplitude. *Studia Sci. Math. Hungar.*, 35(520):457–474, 1999.

- [94] J. Pitman. The distribution of local times of brownian bridge. In *Séminaire de Probabilités XXXIII*, volume 1709 of *Lecture Notes in Math.*, pages 388–394. Springer, 1999.
- [95] J. Pitman. Brownian motion, bridge, excursion and meander characterized by sampling at independent uniform times. *Electron. J. Probab.*, 4:Paper 11, 1–33, 1999.
- [96] J. Pitman. A lattice path model for the Bessel polynomials. Technical Report 551, Dept. Statistics, U.C. Berkeley, 1999.
- [97] J. Bertoin, J. Pitman, and J. Ruiz de Chavez. Constructions of a brownian path with a given minimum. *Electronic Comm. Probab.*, 4:Paper 5, 1–7, 1999.
- [98] J. Bertoin and J. Pitman. Two coalescents derived from the ranges of stable subordinators. *Electron. J. Probab.*, 5:no. 7, 17 pp., 2000.
- [99] M. E. H. Ismail and J. Pitman. Algebraic evaluations of some euler integrals, duplication formulae for appell’s hypergeometric function f_1 , and brownian variations. *Canad. J. Math.*, 52:961–981, 2000.
- [100] B. Hansen and J. Pitman. Prediction rules and exchangeable sequences related to species sampling. *Stat. and Prob. Letters*, 46:251–256, 2000.
- [101] D. J. Aldous and J. Pitman. Inhomogeneous continuum random trees and the entrance boundary of the additive coalescent. *Probab. Th. Rel. Fields*, 118:455–482, 2000.
- [102] M. Camarri and J. Pitman. Limit distributions and random trees derived from the birthday problem with unequal probabilities. *Electron. J. Probab.*, 5:Paper 2, 1–18, 2000.
- [103] J. Pitman and M. Yor. On the distribution of ranked heights of excursions of a Brownian bridge. *Ann. Probab.*, 29:361–384, 2001.
- [104] J. Bennes and J. Pitman. Asymptotics of the Hurwitz binomial distribution related to mixed Poisson Galton-Watson trees. *Combinatorics, Probability and Computing*, 10:203–211, 2001.
- [105] R. Pemantle, Y. Peres, J. Pitman, and M. Yor. Where did the Brownian particle go? *Electron. J. Probab.*, 6:Paper 10, 1–22, 2001.
- [106] Ph. Biane, J. Pitman, and M. Yor. Probability laws related to the Jacobi theta and Riemann zeta functions, and Brownian excursions. *Bull. Amer. Math. Soc.*, 38:435–465, 2001.
- [107] J. Pitman. Random mappings, forests and subsets associated with Abel-Cayley-Hurwitz multinomial expansions. *Séminaire Lotharingien de Combinatoire*, 46:45 pp., 2001.
- [108] J. Pitman and R. Stanley. A polytope related to empirical distributions, plane trees, parking functions and the associahedron. *Discrete and Computational Geometry*, 27:603–634, 2002.
- [109] J. Pitman. Forest volume decompositions and Abel-Cayley-Hurwitz multinomial expansions. *J. Comb. Theory A.*, 98:175–191, 2002.
- [110] J. Pitman. Poisson-Dirichlet and GEM invariant distributions for split-and-merge transformations of an interval partition. *Combinatorics, Probability and Computing*, 11:501–514, 2002.

- [111] D. J. Aldous and J. Pitman. Invariance principles for non-uniform random mappings and trees. In V. Malyshev and A. M. Vershik, editors, *Asymptotic Combinatorics with Applications in Mathematical Physics*, pages 113–147. Kluwer Academic Publishers, 2002.
- [112] D. J. Aldous and J. Pitman. Two recursive decompositions of Brownian bridge. Technical Report 595, Dept. Statistics, U.C. Berkeley, 2002. To appear in In Memoriam Paul André Meyer, *Séminaire de Probabilités XXXIX, Springer Lecture Notes in Mathematics Vol 1874, Michel Émery and Marc Yor (Eds), 2006*.
- [113] D. J. Aldous and J. Pitman. The asymptotic distribution of the diameter of a random mapping. *C.R. Acad. Sci. Paris, Ser. I*, 334:1021–1024, 2002.
- [114] M. Jeanblanc, J. Pitman, and M. Yor. Self-similar processes with independent increments associated with Lévy and Bessel processes. *Stochastic Processes Appl.*, 100:223–232, 2002.
- [115] J. Pitman and M. Yor. Infinitely divisible laws associated with hyperbolic functions. *Canadian Journal of Mathematics*, 53:292–330, 2003.
- [116] J. Pitman and M. Yor. Hitting, occupation, and inverse local times of one-dimensional diffusions: martingale and excursion approaches. *Bernoulli*, 9:1–24, 2003.
- [117] J. Pitman. The future of IMS journals. *IMS Bulletin*, 32 Issue 1:p. 1 and 4, 2003.
- [118] J. Bertoin, L. Chaumont, and J. Pitman. Path transformations of first passage bridges. *Electronic Comm. Probab.*, 8:155–166, 2003.
- [119] J. Pitman. Poisson-Kingman partitions. In D. R. Goldstein, editor, *Science and Statistics: A Festschrift for Terry Speed*, volume 30 of *Lecture Notes – Monograph Series*, pages 1–34. Institute of Mathematical Statistics, Beachwood, OH, 2003.
- [120] D. J. Aldous, G. Miermont, and J. Pitman. Brownian bridge asymptotics for random p -mappings. *Electron. J. Probab.*, 9:37–56, 2004.
- [121] E. Gustafson and J. Pitman. IMS Journals on arXiv. *IMS Bulletin*, 33 Issue 6:4–5, 2004.
- [122] D. J. Aldous, G. Miermont, and J. Pitman. The exploration process of inhomogeneous continuum random trees, and an extension of Jeulin’s local time identity. *Probab. Theory Related Fields*, 129(2):182–218, 2004.
- [123] A. Gnedin, J. Pitman, and M. Yor. Regenerative composition structures: characterisation and asymptotics of block counts. In *International Colloquium of Mathematics and Computer Science (3rd : 2004 : Technische Universitt Wien) Mathematics and computer science III*, Trends Math., pages 441–443. Birkhäuser, Basel, 2004.
- [124] A. Gnedin and J. Pitman. Regenerative partition structures. *The Electronic Journal of Combinatorics*, 11(2) R12:1–21, 2004.
- [125] J. Pitman and M. Yor. Some properties of the arc-sine law related to its invariance under a family of rational maps. In Anirban Dasgupta, editor, *A Festschrift for Herman Rubin*, volume 45 of *IMS Lecture Notes Monogr. Ser.*, pages 126–137. Institute of Mathematical Statistics, Hayward, California, 2004.

- [126] J. Pitman and D. Aldous. The mathematics survey project. *Notices of the American Mathematical Society*, 52(11):1357–1360, 2005. Also in *New Developments in Electronic Publishing*, Hans Becker and Kari Strange and Bernd Wegner eds., pages 143-148, Fiz Karlsruhe, 2005.
- [127] A. Gnedin and J. Pitman. Regenerative composition structures. *Ann. Probab.*, 33(2):445–479, 2005.
- [128] A. Gnedin, J. Pitman, and M. Yor. Asymptotic laws for regenerative compositions: gamma subordinators and the like. *Probab. Th. and Rel. Fields.*, 2005. Published online: 10 November 2005.
- [129] David Aldous, Grégory Miermont, and Jim Pitman. Weak convergence of random p -mappings and the exploration process of inhomogeneous continuum random trees. *Probab. Theory Related Fields*, 133(1):1–17, 2005.
- [130] Jim Pitman and Matthias Winkel. Growth of the Brownian forest. *Ann. Probab.*, 33(6):2188–2211, 2005.
- [131] A. Gnedin and J. Pitman. Self-similar and Markov composition structures. In A. A. Lodkin, editor, *Representation Theory, Dynamical Systems, Combinatorial and Algorithmic Methods. Part 13*, volume 326 of *Zapiski Nauchnyh Seminarov POMI*, pages 59–84, 280–281. PDMI, 2005.
- [132] A. Gnedin and J. Pitman. Exchangeable Gibbs partitions and Stirling triangles. In *Representation Theory, Dynamical Systems, Combinatorial and Algorithmic Methods. Part 12*, volume 325 of *Zap. Nauchn. Sem. S.-Peterburg. Otdel. Mat. Inst. Steklov. (POMI)*, pages 83–102, 244–245. PDMI, 2005.
- [133] Alexander Gnedin, Jim Pitman, and Marc Yor. Asymptotic laws for regenerative compositions: gamma subordinators and the like. *Probab. Theory Related Fields*, 135(4):576–602, 2006.
- [134] J. Pitman. *Combinatorial stochastic processes*, volume 1875 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, 2006. Lectures from the 32nd Summer School on Probability Theory held in Saint-Flour, July 7–24, 2002, With a foreword by Jean Picard.
- [135] Alexander Gnedin, Jim Pitman, and Marc Yor. Asymptotic laws for compositions derived from transformed subordinators. *Ann. Probab.*, 34(2):468–492, 2006.
- [136] Steven N. Evans, Jim Pitman, and Anita Winter. Rayleigh processes, real trees, and root growth with re-grafting. *Probab. Theory Related Fields*, 134(1):81–126, 2006.