

Career Total Summary: 91 journal papers, 172 conference papers and 9 invited talks.

Scopus = 2061 citations and h-index = 22

Google Scholar = 3265 citations, h-index = 27 and i10-index = 61

Scholarly Books

- [1.]* Alwahabi Z.T., **Dally B.B.**, Kalt P.A.M., Nathan G.J., (editors), (2005), Proceedings of the Fourth Australia Conference on Laser Diagnostics in Fluid Mechanics and Combustion. The University of Adelaide. ISBN 0 9757855-2-4
- [2.] * Nathan, G.J., **Dally, B.B.** and Kalt, P.A.M (editors) (2005) Proceedings of the 5th Asia-Pacific Conference on Combustion, Hard Copy ISBN 0-9757855-0-8, CD-ROM ISBN 0-9757855-1-6, Publisher: University of Adelaide - School of Mechanical Engineering

Refereed Journal Articles

- [3.] CX Thong, BB **Dally**, CH Birzer, PAM Kalt, ER Hassan, (2017), Experimental Thermal and Fluid Science 82, 198-211
- [4.] Z Sun, B **Dally**, G Nathan, Z Alwahabi, (2017), Combustion and Flame 175, 270-282
- [5.] Rostamzadeh, N. , Kelso, R.M., Dally, B., (2017), Theoretical and Computational Fluid Dynamics, Volume 31, Issue 1, 1 February 2017
- [6.] M Saha, BB **Dally**, PR Medwell, A Chinnici, (2017), Fuel Processing Technology 155, 74-87
- [7.] JH Lim, A Chinnici, BB **Dally**, GJ Nathan, Energy 116, 735-745
- [8.] AR Chadwick, G Herdrich, M Kim, B **Dally**, Plasma Sources Science and Technology 25 (6), 065025
- [9.] M Saha, BB **Dally**, PR Medwell, A Chinnici, Combustion and Flame 172, 252-270
- [10.] S Deng, ME Mueller, QN Chan, NH Qamar, BB **Dally**, ZT Alwahabi, GJ Nathan, Proceedings of the Combustion Institute, DOI: 10.1016/j.proci.2016.09.004
- [11.] SM Mahmoud, GJ Nathan, ZT Alwahabi, ZW Sun, PR Medwell, BB Dally, Proceedings of the Combustion Institute, DOI:10.1016/j.proci.2016.08.055
- [12.] A Jocher, KK Foo, Z Sun, B **Dally**, H Pitsch, Z Alwahabi, G Nathan, (2016) Proceedings of the Combustion Institute, DOI: 10.1016/j.proci.2016.08.025
- [13.] J Ye, PR Medwell, BB **Dally**, MJ Evans, (2016) Combustion and Flame 171, 173-184
- [14.] X Dong, Z Sun, D Gu, PJ Ashman, ZT Alwahabi, BB **Dally**, GJ Nathan, (2016) Combustion and Flame 171, 103-111
- [15.] GJ Nathan, BB **Dally**, ZT Alwahabi, PJ van Eyk, M Jafarian, PJ Ashman, Proceedings of the Combustion Institute, DOI:10.1016/j.proci.2016.07.044
- [16.] Derakhshandeh J.F., Arjomandi M., **Dally B.**, Cazzolato B., (2016), Experimental Thermal and Fluid Science, 74 pp. 58-72
- [17.] Lim J.H., Nathan G.J., Hu E., **Dally B.B.**, (2016), Applied Energy, 162, pp. 298-307
- [18.] Hansen K.L., Rostamzadeh N., Kelso R.M., **Dally B.B.**, (2016), Journal of Fluid Mechanics, 788 , pp. 730-766
- [19.] Parente A., Malik M.R., Contino F., Cuoci A., **Dally B.B.**, (2016), Fuel, 163, art.No. 9609, pp. 98-111
- [20.] *Gu D.H., Sun Z.W., Medwell P.R., Alwahabi Z.T., **Dally B.B.**, Nathan G.J., (2015), Applied Physics B: Lasers and Optics, 118, (2), pp. 209-218
- [21.] *Saha M., Chinnici A., **Dally B.B.**, Medwell P.R., (2015), Energy and Fuels, 29, (11), pp. 7650-7669
- [22.] Derakhshandeh J.F., Arjomandi M., Cazzolato B.S., **Dally B.**, (2015), Ocean Engineering, 108, pp. 115-128
- [23.] *Ye J., Medwell P.R., Varea E., Kruse S., **Dally B.B.**, Pitsch H.G., (2015), Applied Energy, 151, pp. 93-101
- [24.] Zhang J., Mi J., Li P., Wang F., **Dally B.B.**, (2015), Energy and Fuels, 29, (7), pp. 4576-4585
- [25.] *Gu D., Sun Z., Nathan G.J., Medwell P.R., Alwahabi Z.T., **Dally B.B.** (2015), Combustion and Flame, doi:10.1016/j.combustflame.2015.09.028.

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- [27.] *Sun, Z.W., Gu, D.H., Nathan, G.J., Alwahabi, Z.T. and **Dally, B.B.**, *Proceedings of the Combustion Institute*, Volume 35, Issue 3, 2015, Pages 3673–3680
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- [30.] *Dong, X., Nathan, G.J., Mahmoud, S., Ashman, P.J., Gu, D. and **Dally, B.B.**, (2015), *Combustion and Flame*, *In press*: doi:10.1016/j.combustflame.2014.11.001
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- [32.] *Medwell, P.R., Masri, A.R., Pham, P.X., **Dally, B.B.**, Nathan, G.J., , *Experiments in Fluids* (2014) 55 (11), 1-11
- [33.] Rostamzadeh, N., Hansen, K.L., Kelso, R.M. and **Dally, B.B.**, *Physics of Fluids* 26, 107101 (2014)
- [34.] *Saha, M., Dally, B.B., Medwell, P.R., Cleary, E.M., (2014) *Energy & Fuels* 28 (9), 6046-605
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- [36.] Hardi, J.S., Beinke, S.K., Oschwald, M. and **Dally, B.B.**, *Journal of Propulsion and Power* (2014) 30 (4), 991-1004
- [37.] Derakhshandeh, J.F., Arjomandi, M., Cazzolato, B.S., and **Dally, B.B.**, *Journal of Renewable and Sustainable Energy* 6 (3), 033114
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- [39.] *Medwell, P.R., Blunck, D.L., **Dally, B.B.**, *Combustion and Flame*, Volume 161, Issue 2, Feb. 2014, P. 465-474
- [40.] Hardi, J.S., Martinez, H.C.M., Oschwald, M., **Dally, B.B.**, *Journal of Propulsion and Power*, (2014), volume 30, issue 2, P. 337-349
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ARC GRANTS (last 10 years) -- Dally

Project Id	CI/PI Name/s	Amount Funded 1000s	Years	Project Title	Outputs
DP170101013	A/Prof P.R. Medwell Prof B.B. Dally Prof H. Pitsch	\$367	2017 - 2019	Advanced Experimental and Modelling Study to Better Predict Spray Flames	
DP130100198	Prof G.J. Nathan Prof B.B. Dally Prof H. Pitsch	\$650	2013 - 2015	New Understanding of Turbulent Flames with Soot and Particulate	3, 4, 8, 18, 22, 58, 68, 74, 75, 76
LE130100127	Prof Nathan, G.J., Prof Masri, A., A/Prof Hawkes, E., A/Prof Alwahabi, Z.T., Prof Dally, B.B., Prof Ashman, P.J., Dr Medwell, P.R., Dr Cleary, M. and Dr Dunn. M.	\$400	2013	Controlled radiation facility to investigate turbulence-radiation-chemistry interactions in high flux solar reactors	N/A
LP110200060	Prof G.J. Nathan Prof B.B. Dally A/P Z.T. Alwahabi Prof H. Pitsch Mr Terry Kallis	\$750	2011 - 2014	Investigation of the coupled dependence of concentrated solar radiation and combustion in a novel solar hybrid technology	22 Theoretical work started while experimental new apparatus is still under construction. Five other papers published on assessment of feasibility of technology.
DP110104410	Prof B.B. Dally Dr Peter Kalt Prof Jamie Mi Prof H. Pitch	\$360	2011 - 2014	Enhanced Mixing of Turbulent Jet Flames via Side Lateral Injection	5, 66, 81, 87
DP1092488	Prof G.J. Nathan Prof B.B. Dally Prof H. Pitch	\$500	2010 - 2013	Detailed Understanding of the Behaviour of Soot in, and Emission from, Turbulent Flames and Fires	26, 27, 30, 34, 35, 38, 43, 44, 47, 58, 61, 63, 89, 90, 93, 103, 104, 105 ,106
DP0770059	Prof G.J. Nathan Prof B.B. Dally Dr R.S. Barlow Prof H. Pitch Prof A. Dreizler	\$540	2007 - 2010	Investigating The Coupled Dependencies of Soot in Turbulent Flames by Adv. Laser Diag. & Modelling	26, 27, 30, 34, 35, 38, 43, 44, 47, 58, 61, 63, 89, 90, 93, 103, 104, 105 ,106