

Eleni Vardoulaki - Publication list

Publications in
international journals

1. A closer look at the deep radio sky: Multi-component radio sources at 3-GHz VLA-COSMOS, (**Vardoulaki, E.**, Jiménez Andrade, E. F., Karim, A., Novak, M., Leslie, S. K., Smolčić, V., Schinnerer, E., Sargent, M. T., Bondi, M., Zamorani, G., Magnelli, B., Bertoldi, F., Herrera Ruiz, N., Mooley, K. P., Tisanić, K., Delhaize, J., Myers, S. T., Marchesi, S., Koekemoer, A. M., Gozaliasl, G., Middleberg, E., Ciliegi, P.), 2018, A&A, submitted
2. The VLA-COSMOS 3 GHz Large Project: Average radio spectral energy distribution of highly star-forming galaxies, (K. Tisanić, V. Smolčić, J. Delhaize, M. Novak, H. Intema, I. Delvecchio, E. Schinnerer, G. Zamorani, M. Bondi, and **E. Vardoulaki**), 2018, A&A, submitted
3. Chandra centres for COSMOS X-ray galaxy groups: Differences in stellar properties between central dominant and offset brightest group galaxies, Ghassem Gozaliasl, Alexis Finoguenov, Masayuki Tanaka, Klaus Dolag, Francesco Montanari, Charles C Kirkpatrick **Eleni Vardoulaki**, Habib G Khosroshahi, Mara Salvato et al.), 2018, MNRAS, in press
4. The VLA-COSMOS 3 GHz Large Project: Star formation properties and radio luminosity functions of AGN with moderate-to-high radiative luminosities out to $z \sim 6$, (L. Ceraj, V. Smolčić, I. Delvecchio, M. Novak, G. Zamorani, J. Delhaize, E. Schinnerer, **E. Vardoulaki**, and N. Herrera Ruiz), 2018, A&A, arXiv:1811.02966
5. The linear radio size evolution of μJy populations, (M. Bondi, G. Zamorani, P. Ciliegi, V. Smolčić, E. Schinnerer, I. Delvecchio, Jimenez-Andrade, E. F., Liu, D., Lang, P., Magnelli, B., E.J. Murphy, **E. Vardoulaki**), 2018, A&A, 618L, 8
6. Probing star formation and ISM properties using galaxy disk inclination II: Testing typical FUV attenuation corrections out to $z \sim 0.7$: Leslie, S. K., Schinnerer, E., Groves, B., Sargent, M. T., Zamorani, G., Lang, P., **Vardoulaki, E.**, 2018, A&A, 616A, 157
7. The infrared-radio correlation of spheroid- and disc-dominated star-forming galaxies to $z \sim 1.5$ in the COSMOS field: Molnár, Dániel Cs, Sargent, Mark T., Delhaize, Jacinta, Delvecchio, Ivan, Smolčić, Vernesa, Novak, Mladen, Schinnerer, Eva, Zamorani, Giovanni, Bondi, Marco, Herrera-Ruiz, Noelia, Murphy, Eric J., **Vardoulaki, Eleni**, Karim, Alexander, Leslie, Sarah, Magnelli, Benjamin, Carollo, C. Marcella, Middelberg, Enno, 2018, MNRAS, 475, 827
8. The VLA-COSMOS 3 GHz Large Project: Cosmic evolution of radio AGN and implications for radio-mode feedback since $z \sim 5$: Smolčić, V., Novak, M., Delvecchio, I., Ceraj, L., Bondi, M., Delhaize, J., Marchesi, S., Murphy, E., Schinnerer, E., **Vardoulaki, E.**, Zamorani, G., 2017, A&A, 602A, 6
9. The VLA-COSMOS 3 GHz Large Project: Multiwavelength counterparts and the composition of radio sources, (Smolčić, V., Zamorani, G., Delvecchio, I., Baran, N., Novak, M., Delhaize, J., Schinnerer, E., Berta, S., Bondi, M., Ciliegi, P., Capak, P., Civano, F., Karim, A., Le Fevre, O., Ilbert, O., Laigle, C., Marchesi, S., McCracken, H. J., Tasca, L., Salvato,

M., and **Vardoulaki, E.**), 2016, A&A, 602A, 2

10. The VLA-COSMOS 3 GHz Large Project: Continuum data and source catalog release, (Smolčić, V.; Novak, M.; Bondi, M.; Ciliegi, P.; Mooley, K. P.; Schinnerer, E.; Zamorani, G.; Navarette, F.; Bourke, S.; Karim, A.; **Vardoulaki, E.**, et al.), 2016, A&A, in 602A, 1
11. Radio continuum properties of luminous infrared galaxies. Identifying the presence of an AGN in the radio, (**Vardoulaki, E.**; Charmandaris, V.; Murphy, E. J.; Diaz-Santos, T.; Armus, L.; Evans, A.; Mazzarella, J. M.; Privon, G. C.; Stierwalt, S.; Barcos-Munoz, L.), 2015, A&A, 574, 4
12. Black-hole masses, accretion rates and hot- and cold-mode accretion in radio galaxies at $z \sim 1$, (Fernandes, C. A. C.; Jarvis, M. J.; Martinez-Sansigre, A.; Rawlings, S.; Afonso, J.; Hardcastle, M. J.; Lacy, M.; Stevens, J. A.; **Vardoulaki, E.**), 2015, MNRAS, 447, 1184
13. Evidence for a maximum jet efficiency for the most powerful radio galaxies, (Fernandes, C. A. C.; Jarvis, M. J.; Rawlings, S.; Martinez-Sansigre, A.; Hatziminaoglou, E.; Lacy, M.; Page, M. J.; Stevens, J. A.; **Vardoulaki, E.**), 2011, MNRAS, 411, 1909
14. The TexOx-1000 redshift survey of radio sources I: the TOOT00 region, (**Vardoulaki, Eleni**; Rawlings, Steve; Hill, Gary J.; Mauch, Tom; Inskip, Katherine J.; Riley, Julia; Brand, Kate; Croft, Steve; Willott, Chris J.), 2010, MNRAS, 401, 1709
15. Radio imaging of the Subaru/XMM-Newton Deep Field - II. The 37 brightest radio sources, (**Vardoulaki, Eleni**; Rawlings, Steve; Simpson, Chris; Bonfield, David G.; Ivison, R. J.; Ibar, Eduardo), 2008, MNRAS, 387, 505
16. Accretion indicators for the 37 brightest radio sources in the Subaru/XMM-Newton Deep Field, (**Vardoulaki, E.**; Rawlings, S.; Simpson, C.), 2007, NCimB, 122, 1029
17. The First Swift X-Ray Flash: The Faint Afterglow of XRF 050215B, (Levan, A. J.; Osborne, J. P.; Tanvir, N. R.; Page, K. L.; Rol, E.; Zhang, B.; Goad, M. R.; O'Brien, P. T.; Priddey, R. S.; Bersier, D.; Burrows, D. N.; Chapman, R.; Fruchter, A. S.; Giommi, P.; Gehrels, N.; Hughes, M. A.; Pak, S.; Simpson, C.; Tagliaferri, G.; **Vardoulaki, E.**), 2006, ApJ, 648, 1132
18. GRB 050215B: candidate afterglow, (Tanvir, N.; Pak, S.; Priddey, R.; Hughes, M.; Rol, E.; Levan, A.; O'Brien, P.; Simpson, C.; **Vardoulaki, E.**; Carroll, T.), 2005, GCN, 3031, 1

Publications in
conferences
proceedings with
referees

1. FR-type radio sources in COSMOS: relation of radio structure to size, accretion modes and large-scale environment: (**Vardoulaki, Eleni**; Jimenez Andrade, Eric F.; Delvecchio, Ivan; Karim, Alexander; Smolčić, Vernesa; Magnelli, Benjamin; Bertoldi, Frank; Schinnerer, Eva; Sargent, Mark; Finoguenov, Alexis; VLA COSMOS Team), 2018, AAS Meeting 231, id.304.03

2. The Radio Continuum Properties of Luminous Infrared Galaxies, (**Vardoulaki, E.**; Charmandaris, V.; Armus, L.; Murphy, E. J.; Diaz-Santos, T.; Evans, A.), The 11th Hellenic Astronomical Conference, held 8-12 September, 2013 in Athens, Greece. Online at <http://www.hellas.gr/conf/2013/>, pp.29-29
3. Radio Continuum Properties of Luminous IR Galaxies, (Charmandaris, Vassilis; **Vardoulaki, E.**; Armus, L.; Murphy, E. J.; Diaz Santos, T.; Evans, A. S.; GOALS Team), American Astronomical Society, AAS Meeting 221, id.157.04
4. Stellar luminosities and radio structures of radio sources, (**Vardoulaki, E.**), 10th Hellenic Astronomical Conference, Proceedings of the conference held at Ioannina, Greece, 5-8 September 2011. Edited by Iossif Papadakis and Anastasios Anastasiadis., pp.20-20
5. Probing accretion activity in radio sources using 24 micron Spitzer data, (**Vardoulaki, Eleni**; Rawlings, Steve; Simpson, Chris), Conference proceedings of "Galaxy Evolution with Spitzer and Herschel", Crete, May 2006
6. The TOOT00 redshift survey of radio sources, (**Vardoulaki, E.**; Rawlings, S.; Hill, G. J.; Croft, S.; Brand, K.; Riley, J.; Willott, C.), 2006, AN, 327, 282

Working papers

1. FR-type radio sources at 3-GHz VLA-COSMOS: Relation to physical properties and large-scale environment, (**Vardoulaki, Eleni**; Jimenez Andrade, Eric F.; Delvecchio, Ivan; Karim, Alexander; Smolčić, Vernesa; Magnelli, Benjamin; Bertoldi, Frank; Schinnener, Eva; Sargent, Mark; Finoguenov, Alexis; and the COSMOS Team)
2. The ASKAP-EMU Early Science Radio Continuum Survey of the Small Magellanic Cloud (T. D. Joseph, M. D. Filipovic, E. L. Alexander, G. F. Wong, E. J. Crawford, I. Bojicic, H. Leverenz, R. P. Norris, & the ASKAP ESP Magellanic Clouds Team, incl. **E. Vardoulaki**)
3. Auto-mining ALMA Archive in the COSMOS field (A3COSMOS): I. Photometry, Simulation, Galaxy Counterpart Association and Spectral Energy Distribution, (D. Liu et al. & A³ – COSMOS)
4. Revealing the stellar mass and dust distributions of distant SMGs at $z \sim 2$ (Lang et al. & A³ – COSMOS)
5. How do galaxies grow? Probing the radio continuum size evolution of Main-Sequence and starburst galaxies in the COSMOS field up to $z = 2$, Jiménez-Andrade, E. F. et al.)
6. X-ray/radio coincidence in FR-type radio sources in COSMOS, (**Vardoulaki, E.**; Gozaliasl, G.; Finoguenov, A.; and the COSMOS Team)
7. FR-type radio sources in X-ray groups within COSMOS: relation to BGGs and large-scale environment, (**Vardoulaki, E.**; Gozaliasl, G.; Finoguenov, A.; and the COSMOS Team)

8. The COSMOS 'eye': multi-wavelength analysis of the polar-ring galaxy in COSMOS (**Vardoulaki, E.**; and the COSMOS Team)
9. Dissecting the IR/radio relation in the local Universe: environmental scope, (**Vardoulaki, E.**; Karim, A.; Magnelli, B.; Sargent, M.; Smolčić, V.; Schinnerer, E. et al.)
10. Dissecting the IR/radio relation in the COSMOS field: environmental scope, (**Vardoulaki, E.**; Karim, A.; Magnelli, B.; Sargent, M.; Smolčić, V.; Schinnerer, E. et al.)
11. Peculiar radio sources in the COSMOS field: multi-wavelength analysis and radio spectral indices, **Vardoulaki, E.**; and the COSMOS Team)
12. Lyman continuum photon escape from FRI/FRII type radio AGN in the COSMOS field, (**Vardoulaki, E.**; Papaderos, P.; Gomes, J. M. et al.)
13. Spatial variations in the mid-IR/radio correlation in Luminous Infrared Galaxies, (**Vardoulaki, E.**; Charmandaris, V.; Murphy, E. J.; Diaz-Santos, T.; Armus, L., Appleton, P.; and the GOALS Team)
14. The stellar luminosities and radio structures of radio sources, (**Vardoulaki, E.**; Rawlings, S.; Mauch, T.; Hill, G. J.; Simpson, C.)