

**UNIVERSITÀ DEGLI STUDI DI MILANO**

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## **Giovanni Pietro Rosotti**

### **CURRICULUM VITAE**

**INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)**

COGNOME	ROSOTTI
NOME	GIOVANNI PIETRO
DATA DI NASCITA	07/01/1987

**RESEARCH INTERESTS**

Planet formation, accretion discs, planet-disc interaction and observational signatures of planets in discs, disc evolution and dispersal, sub-mm interferometry, photoevaporation, supermassive black hole mergers.

**EMPLOYMENT AND EDUCATION**

Dec 2020 – present	Ernest Rutherford Fellow, University of Leicester
Jan 2019 – Dec 2020	NWO Veni fellow, Leiden University
May 2015 – Dec 2018	Research Associate, Institute of Astronomy, University of Cambridge
Sep 2014 – May 2015	Research Assistant, Institute of Astronomy, University of Cambridge
Nov 2011- May 2015	PhD student, LMU Munich. Date of the viva: 21/05/2015
Oct 2009 – Oct 2011	Master Degree in Astrophysics, University of Milan; 110/110 <i>cum laude</i>
Oct 2006 – Sep 2009	Bachelor Degree in Physics, University of Milan; 110/110 <i>cum laude</i>

**GRANTS, SCHOLARSHIPS AND FUNDING**

- **STFC Ernest Rutherford Fellowship (~£500k. Success rate: ~7%)**
- **Veni grant from NWO (Dutch Research Organisation) (€250k. Success rate: ~12%)**
- **Humboldt Fellowship for Postdoctoral Researchers (~€70k; declined. Success rate: ~25%)**
- International Max Planck Research School (IMPRS) PhD fellowship (total of €50k)
- Undergraduate bursary (University of Milan) as one of the best achieving students (total of €2k)
- Grants from Kavli foundation (£20k) and DFG Germany (€4k) to support conferences I organised
- Short Term Scientific Mission (STSM) from COST action GWVerse (€1k)

## TELESCOPE TIME

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- PI of 4 accepted proposals on the Atacama Large Millimeter/submillimeter Array (ALMA) (24h total), including 1 *Director's Discretionary Time (DDT)*. Project codes: 2019.1.01291.S, 2017.A.00014.S, 2017.1.01334.S, 2016.1.00583.S
- PI of 1 proposal on James Clerk Maxwell Telescope (JCMT) (24h)
- Co-I on 18 proposals (140h total) on ALMA, of which 1 DDT,
- Co-I of 10 proposals on the Very Large Telescope (VLT) (59h total), of which 2 DDTs

## SUPERCOMPUTER TIME

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- PI of 100k CPU hours on C2PAP (Munich)
- Co-I of 10.5M CPU hours on UK DIRAC

## CONFERENCES & SEMINARS

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### Conferences and seminars organised:

- SOC Chair for “Planet-forming Disks: From Surveys to Answers”, Leiden, Lorentz Center, Oct 2021
- SOC Chair for Symposium session S1 “Planet formation enters the observational era”, Leiden, EAS 2020
- SOC member for Cool Stars 21 splinter session “Accretion in Young and Cool Stars”, Toulouse, France
- PhD Colloquia organiser, Leiden Observatory, Leiden University (Sep 2019-Dec 2020)
- Institute of Astronomy (University of Cambridge) Wednesday seminar organiser (Sep 2017-Dec 2018)
- LOC Deputy chair of “The disc migration issue: from proto-planets to supermassive black holes”, May 2017, Cambridge
- Organiser of PhD school “Computational Astrophysics with GANDALF”, October 2015, Friesing, Germany
- USM/LMU Star Formation Coffee Organiser (2013-2014)
- Organiser of “Transitional discs in the ALMA era”, Garching, Germany, October 2013
- LOC member of “Planet formation and evolution 2012”, Munich, Germany, September 2012

### Invited seminars:

UCL MSSL (Oct 2021), Birmingham (Nov 2019), Leicester (Nov 2019), University of Michigan (May 2019), University of Hertfordshire (Apr 2018), ETH Zurich (Feb 2018), MPIA Heidelberg (Jan 2018), IfA Hawaii (Dec 2017), DIAS Dublin (Oct 2017), Edinburgh (Mar 2017), ESO Germany (Mar 2017), Arcetri Obs. Italy (Oct 2016), Keele (Oct 2016), Leiden (Feb 2016), DAMTP Cambridge (Jan 2016), Bristol (Dec 2015)

### Conference talks:

- Invited discussion leader at conference “[Threats from the surroundings](#)”, ESO, Germany, Nov 2020
- Invited talk for conference “[RUTD Transition discs](#)”, Munich, Germany, Oct 2020
- Invited talk for workshop “[Discs 2 planets](#)”, Rindberg, Germany, Sep 2019
- Invited review talk for conference “[Great barriers in planet formation](#)”, Palme Cove, Australia, July 2019
- Invited review talk for conference “[Planet-Forming Disks](#)”, Como, Italy, Mar 2019
- Invited review talk for conference “[Take a closer look: The innermost region of protoplanetary disks and its connection to the origin of planets](#)” at ESO, Germany, Oct 2018
- Invited lecture about “*Transition discs*” at [PhD school, Bad Honnef](#), Germany, Jun 2016
- Contributed talk at NOVA ISM meeting (Leiden, Netherlands, Mar 2019)
- Contributed talk at “PLATO Theory meeting” (Cambridge, UK, Dec 2018)

- Contributed talk at “Astrochemistry” (Pasadena, USA, Jul 2018)
- Contributed talk at “Exoplanets 2” (Cambridge, UK, Jul 2018)
- Contributed talk at EWASS 2018 (Liverpool, UK, April 2018)
- Contributed talk at “Numerical simulations of planet-disc interactions” (Cuernavaca, Mexico, Nov 2017)
- Contributed talk at “Planet formation and evolution 2017”, (Jena, Germany, Sep 2017)
- Contributed talk at “Planet formation and evolution” (Garching, Germany, Jun 2017)
- Contributed talks in three editions of the UK Exoplanet meeting (2015, 2017, 2018)
- Contributed talk at “Star formation 2016” (Exeter, UK, Aug 2016)
- Contributed talk at EWASS 2016 (Athens, Greece, July 2016)
- Contributed talk at “Resolving planet formation in the era of ALMA and extreme AO” (Santiago, Chile, May 2016)
- Contributed talk at “Exoplanets in Lund” (Lund, Sweden, May 2015)
- Contributed talk at “The evolution of transition discs” (Leiden, Netherlands, Mar 2015)
- Contributed talk at “The early life of stellar clusters” (Copenhagen, Denmark, Nov 2014)
- Contributed talk at “The formation of the Solar System” (Bonn, Germany, May 2014)
- Contributed talk at “Planet formation and evolution 2012” (Munich, Germany, Sep 2012)

## TEACHING

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### Classes

2016 - 2018	Supervisor for “Astrophysical Fluid Dynamics”, University of Cambridge
2011 – 2014	Tutor of “The Formation and Evolution of Planets in Protoplanetary Discs”, LMU
2008- 2009	Tutor of the course “Numerical Calculations”, University of Milan

### Supervision of research students

Summer students: Elia Pizzati (Pisa; 06-08/2019), Francesco Zagaria (Pavia; 07-08/2018); Riccardo Barbieri (Pavia – St John’s college, 07-08/2017); Rosie Talbot (jointly with Dr. Kama; Cambridge, 06-09/2017); Pooneh Nazari (jointly with Dr. Meru; St Andrews, 06-09/2016; **results published** in MNRAS, 482, 3678 and 485, 5914)

Master students: Alice Somigliana (Milan; ongoing), Francesco Zagaria (Pavia; 09/2019-07/2020; **paper with results currently under review**), Ardjan Sturm (Leiden; 09/2019-07/2020; **results published** in A&A, 643, A92), Mathijs van Bree (Leiden; 09/2019-07/2020), Chiara Scardoni (Milan; 06/2018-05/2019; **results published** in MNRAS, 492, 1318); Catriona Sinclair (Cambridge; 10/2017-05/2018; **results published** in MNRAS, 493, 3535); Samuel Karlin (Cambridge; 10/2017-05/2018); Jegug Ih (Cambridge; 10/2016 – 05/2017; **results published** in MNRAS, 478, 2700); David Booer (Cambridge; 10/2014-05/2015); Denis Mehmedov (jointly with Prof. Ercolano; LMU, 10/2013-09/2014)

PhD students: member of the viva committee for Arthur Bosman (Leiden, 09/2019)

## ACADEMIC SERVICE

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- Referee for MNRAS, ApJ and A&A
- Grant reviewer for STFC Astronomy Grants (UK) and SNF (Switzerland)
- Member of the ESA mission Plato Science Work Package “*Influence of birth environment on the formation and evolution of planetary systems*”
- Member of the [Planet Formation Imager](#) (PFI) Science Working Group
- Member of the [WEAVE](#) science team
- Developer of the hydrodynamical code [GANDALF](#); used so far in 6 accepted publications

## OUTREACH

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2019-2020	Lectures on astronomy in 3 High Schools in the Netherlands, UK and Italy
2018	Presented exhibit at the Summer Science Exhibition organised by the Royal Society in London
2007-2011	Taught lessons on astrophysical topics in various schools, from Nursery to High School, inside the project called ``Alla scoperta del cielo lontano" of ``Parco Valle Lambro" institution, Italy

## Press releases on my work

- Double dust ring test could spot migrating planets ([https://warwick.ac.uk/newsandevents/pressreleases/double\\_dust\\_ring](https://warwick.ac.uk/newsandevents/pressreleases/double_dust_ring))
- Puzzles from an Ensemble of Young Planets (<https://aasnova.org/2018/10/17/puzzles-from-an-ensemble-of-young-planets/>)
- What Shaped Elias 2-27's Disk? (<http://aasnova.org/2017/04/19/what-shaped-elias-2-27s-disk/>)
- The death of a planet nursery? (<https://phys.org/news/2016-09-death-planet-nursery.html>)

## SKILLS

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**Programming languages:** Python (advanced), C++ (advanced), Fortran (medium)

**Languages:** English (fluent), Italian (native speaker), German (conversational), Dutch (beginner)

## REFERENCES

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Prof. Cathie Clarke  
Institute of Astronomy  
University of Cambridge  
E-mail: [cclarke@ast.cam.ac.uk](mailto:cclarke@ast.cam.ac.uk)

Prof. Ewine van Dishoeck  
IAU President  
Leiden University  
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Prof. Barbara Ercolano  
University Observatory  
Ludwig-Maximilians University Munich  
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Dr. Leonardo Testi  
European ALMA Operations Manager  
ESO Garching  
E-mail: [ltesti@eso.org](mailto:ltesti@eso.org)

## PUBLICATIONS

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56 refereed accepted papers, of which 13 as first author and 13 as second author; additionally, 2 second-author papers currently under review. Total citations: 1284, h-index: 21 (source: NASA ADS)

**First author papers:**

1. **Rosotti, G.**; Ilee, J.; Facchini, S.; Tazzari, M.; Booth, R.; Clarke, C.; Kama, M., *High-resolution observations of molecular emission lines toward the CI Tau proto-planetary disc: planet-carved gaps or shadowing?*, 2021, MNRAS, 501, 3427
2. **Rosotti, G.**; Teague, R.; Dullemond, C.; Booth, R.; Clarke, C., *The efficiency of dust trapping in ringed protoplanetary discs*, 2020, MNRAS, 495, 173
3. **Rosotti, G.**; Benisty, M.; Teague, R.; Juhasz A.; Clarke C.; Dominic C.; Dullemond C.; Klaassen P.; Matra L.; Stolker T., *Spiral arms in the proto-planetary disc HD100453 detected with ALMA: evidence for binary-disc interaction and a vertical temperature gradient*, 2020, MNRAS, 491, 1335
4. **Rosotti G.**; Booth R.; Tazzari M.; Clarke C.; Lodato G.; Testi L., *On the millimetre continuum flux-radius correlation of proto-planetary discs*, 2019, MNRAS letter, 486, 63
5. **Rosotti G.**; Tazzari M.; Booth R.; Testi L.; Lodato G.; Clarke C., *The time evolution of dusty protoplanetary disc radii: observed and physical radii differ*, 2019 MNRAS, 486, 4829
6. **Rosotti G.**, Clarke C., *The evolution of photo-evaporating viscous discs in binaries*, 2018 MNRAS, 473, 5630
7. **Rosotti G.**, Clarke C., Manara C., Facchini S., *The accretion efficiency of proto-planetary discs: Constraining disc evolution using accretion rates and disc mass measurements*, 2017 MNRAS, 468, 1631
8. **Rosotti G.**, Booth R., Clarke C., Teyssandier J., Facchini S., Mustill A., *The origin of the eccentricity of the hot Jupiter in CI Tau*, 2017 MNRAS letters, 464, 114
9. **Rosotti G.**, Juhasz A., Booth R., Clarke C., *“The minimum mass of detectable planets in protoplanetary discs and the derivation of planetary masses from high resolution observations”*, 2016 MNRAS, 459, 2790
10. **Rosotti G.**, Ercolano B., Owen J., *“The long-term evolution of photoevaporating transition discs with giant planets”*, 2015 MNRAS, 454, 2173
11. **Rosotti G.**, Dale J., de Juan Ovelar M., Hubber D., Kruijssen J. M. K., Ercolano B., Walch S., *“Protoplanetary disc evolution affected by star-disc interactions in young stellar clusters”*, 2014 MNRAS, 441, 2094
12. **Rosotti G.**, Ercolano B., Owen J., Armitage P., *“The interplay between X-ray photoevaporation and planet formation”*, 2013 MNRAS, 430, 1392
13. **Rosotti G.**, Lodato G., Price D., *“Response of a circumbinary accretion disc to black hole mass loss”*, 2012 MNRAS, 425, 1958

## Second author papers and projects coming from students I supervised:

1. Sturm, J. A.; **Rosotti, G. P.**; Dominik, C., *Dust dynamics in planet-driven spirals*, 2020 A&A, 643, A92
2. Gerosa, D.; **Rosotti, G.**; Barbieri, R., *The Bardeen-Petterson effect in accreting supermassive black hole binaries: a systematic approach*, 2020 MNRAS, 496, 3060
3. Trapman, L.; **Rosotti, G.**; Bosman, A. D.; Hogerheijde, M. R.; van Dishoeck, E. F., *Observed sizes of planet-forming disks trace viscous spreading*, 2020, A&A, 640, A5
4. Scardoni, C. E.; **Rosotti, G. P.**; Lodato, G.; Clarke, C. J., *Type II migration strikes back - an old paradigm for planet migration in discs*, 2020 MNRAS, 492, 1318
5. Sinclair C., **Rosotti G.**, Juhasz A., Clarke C., *Planet gap-opening across stellar masses*, 2020 MNRAS, 493, 3535
6. Nazari P.; Booth, R.; Clarke, C.; **Rosotti, G.**; Tazzari, M.; Juhasz, A.; Meru, F.; *Revealing signatures of planets migrating in protoplanetary discs with ALMA multiwavelength observations*, 2019 MNRAS, 485, 5914 (I was the supervisor of the student, P. Nazari)
7. Meru F.; **Rosotti G.**; Booth R.; Nazari P., Clarke C., *Is the ring inside or outside the planet?: The effect of planet migration on dust rings*, 2019, MNRAS, 482, 3678
8. Juhasz A., **Rosotti G.**, *Spiral arms in thermally stratified protoplanetary discs*, 2018 MNRAS, 474, L32
9. Ragusa E., **Rosotti G.**, Teyssandier J., Booth R., Clarke C., Lodato G., *Eccentricity evolution during planet-disc interaction*, 2018 MNRAS, 474, 4460
10. Hubber D., **Rosotti G.**, Booth R., *GANDALF - Graphical Astrophysics code for N-body Dynamics And Lagrangian Fluids*, 2018 MNRAS, 473, 1603

11. Ercolano B., **Rosotti**, G., Picogna G., Testi L., *A photo-evaporative gap in the closest planet forming disc*, 2016 MNRAS letters, 464, 95
12. Manara C., **Rosotti**, G., Testi L., Natta A., Alcalá J., Williams J., Ansdell M., Miotello A., van der Marel N., Tazzari M., Carpenter J., Guidi G., Mathews G., Oliveira O., Prusti T., van Dishoeck E., “*Evidence for a correlation between mass accretion rates onto young stars and the mass of their protoplanetary disks*”, 2016 A&A, 591, L3
13. Ercolano B., **Rosotti** G., “*The link between disc dispersal by photoevaporation and the semimajor axis distribution of exoplanets*”, 2015 MNRAS, 450, 3008
14. Scicluna P., **Rosotti** G., Dale J., Testi L., “*Old pre-main-sequence stars. Disc reformation by Bondi-Hoyle accretion*”, 2014 A&A, 566, L3
15. Winter A., Clarke C., **Rosotti** G., Ih J., Facchini S., Haworth T., *Protoplanetary disc truncation mechanisms in stellar clusters: comparing external photoevaporation and tidal encounters*, 2018 MNRAS, 478, 2700 (the publication was an extension of the master work performed by my master student J. Ih)

#### Other papers:

1. Trapman, L., Bosman, A. D., **Rosotti**, G., Hogerheijde, M. R., & van Dishoeck, E. F. (2021), *CO isotopolog line fluxes of viscously evolving disks: cold CO conversion insufficient to explain observed low fluxes*, A&A in press
2. Lovell, J. B., Kennedy, G. M., Marino, S., Wyatt, M. C., Ansdell, M., Kama, M., Manara, C. F., Matrà, L., **Rosotti**, G., Tazzari, M., Testi, L., & Williams, J. P. (2021), *Rapid CO gas dispersal from NO Lup's class III circumstellar disc*, Monthly Notices of the Royal Astronomical Society, 502, L66
3. Lovell, J. B., Wyatt, M. C., Ansdell, M., Kama, M., Kennedy, G. M., Manara, C. F., Marino, S., Matrà, L., **Rosotti**, G., Tazzari, M., Testi, L., & Williams, J. P. (2021), *ALMA survey of Lupus class III stars: Early planetesimal belt formation and rapid disc dispersal*, Monthly Notices of the Royal Astronomical Society, 500, 4878
4. Wölfer, L., Facchini, S., Kurtovic, N. T., Teague, R., van Dishoeck, E. F., Benisty, M., Ercolano, B., Lodato, G., Miotello, A., **Rosotti**, G., Testi, L., & Giulia Ubeira Gabellini, M. (2020), *A highly non-Keplerian protoplanetary disc: Spiral structure in the gas disc of CQ Tau*, A&A in press
5. Ginski, C., Ménard, F., Rab, C., Mamajek, E. E., van Holstein, R. G., Benisty, M., Manara, C. F., Asensio Torres, R., Bohn, A., Birnstiel, T., Delorme, P., Facchini, S., Garufi, A., Gratton, R., Hogerheijde, M., Huang, J., Kenworthy, M., Langlois, M., Pinilla, P., Pinte, C., Ribas, Á., **Rosotti**, G., Schmidt, T. O. B., van den Ancker, M., Wahhaj, Z., Waters, L. B. F. M., Williams, J., & Zurlo, A. (2020), *Disk Evolution Study Through Imaging of Nearby Young Stars (DESTINYs): A close low-mass companion to ET Cha*, Astronomy and Astrophysics, 642, A119
6. Tychoniec, Ł., Manara, C. F., **Rosotti**, G. P., van Dishoeck, E. F., Cridland, A. J., Hsieh, T.-H., Murillo, N. M., Segura-Cox, D., van Terwisga, S. E., & Tobin, J. J. (2020), *Dust masses of young disks: constraining the initial solid reservoir for planet formation*, Astronomy and Astrophysics, 640, A19
7. Jennings, J., Booth, R. A., Tazzari, M., **Rosotti**, G. P., & Clarke, C. J. (2020), *frankenstein: protoplanetary disc brightness profile reconstruction at sub-beam resolution with a rapid Gaussian process*, Monthly Notices of the Royal Astronomical Society, 495, 3209
8. Frasca, A., Manara, C. F., Alcalá, J. M., Biazzo, K., Venuti, L., Covino, E., **Rosotti**, G., Stelzer, B., & Fedele, D. (2020), *ISO-Cha1 52: a weakly accreting young stellar object with a dipper light curve*, Astronomy and Astrophysics, 639, L8
9. Manara, C. F., Natta, A., **Rosotti**, G. P., Alcalá, J. M., Nisini, B., Lodato, G., Testi, L., Pascucci, I., Hillenbrand, L., Carpenter, J., Scholz, A., Fedele, D., Frasca, A., Mulders, G., Rigliaco, E., Scardoni, C., & Zari, E. (2020), *X-shooter survey of disk accretion in Upper Scorpius. I. Very high accretion rates at age > 5 Myr*, Astronomy and Astrophysics, 639, A58
10. Somigliana, A.; Toci, C.; Lodato, G.; **Rosotti**, G.; Manara, C. F., *Effects of photoevaporation on protoplanetary disc 'isochrones'*, 2020 MNRAS, 492, 1120
11. Sanchis, E.; Picogna, G.; Ercolano, B.; Testi, L.; **Rosotti**, G., *Detectability of embedded protoplanets from hydrodynamical simulations*, 2020 MNRAS, 492, 3440

12. Comerford, T. A. F.; Izzard, R. G.; Booth, R. A., **Rosotti, G.**, *Bondi-Hoyle-Lyttleton accretion by binary stars*, 2020, MNRAS, 490, 5196
13. Winter, A.; Clarke, C.; **Rosotti, G.**; Hacar, A.; Alexander, R., *A solution to the proplyd lifetime problem*, 2019, MNRAS, 490, 5478
14. Ubeira Gabellini, M. et al (including **Rosotti, G.**), *A dust and gas cavity in the disc around CQ Tau revealed by ALMA*, 2019, MNRAS, 486, 4638
15. Facchini, S.; van Dishoeck, E. F.; Manara, C. F.; Tazzari, M.; Maud, L.; Cazzoletti, P.; **Rosotti, G.**; van der Marel, N.; Pinilla, P.; Clarke, C. J., *High gas-to-dust size ratio indicating efficient radial drift in the mm-faint CX Tauri disk*, 2019, A&A, 626, L2
16. Keppler, M.; Teague, R.; Bae, J.; Benisty, M.; Henning, T.; van Boekel, R.; Chapillon, E.; Pinilla, P.; Williams, J. P.; Bertrang, G. H. -M.; Facchini, S.; Flock, M.; Ginski, Ch.; Juhasz, A.; Klahr, H.; Liu, Y.; Müller, A.; Pérez, L. M.; Pohl, A.; **Rosotti, G.** Samland, M.; Semenov, D., *Highly structured disk around the planet host PDS 70 revealed by high-angular resolution observations with ALMA*, 2019, A&A, 625, 118
17. Winter A; Clarke C.; **Rosotti G.**, *External photoevaporation of protoplanetary discs in Cygnus OB2: linking discs to star formation dynamical history*, 2019 MNRAS, 485, 1489
18. Clarke C., Tazzari, M., Juhasz, A., **Rosotti, G.**, Booth R., Facchini S., Ilee J., Johns-Krull C., Kama M., Meru F., Prato L., *High-resolution Millimeter Imaging of the CI Tau Protoplanetary Disk: A Massive Ensemble of Protoplanets from 0.1 to 100 au*, 2018 ApJ, 866, L6
19. Jennings J., Ercolano B., **Rosotti G.**, *The comparative effect of FUV, EUV and X-ray disc photoevaporation on gas giant separations*, 2018 MNRAS, 477, 4131
20. Manara C., Prusti T., Comeron F., Mor R., Alcalá J., Antoja T., Facchini S., Fedele D., Frasca A., Jerabkova T., **Rosotti G.**, Spezzi L., Spina L., *Gaia DR2 view of the Lupus V-VI clouds: The candidate diskless young stellar objects are mainly background contaminants*, 2018 A&A, 615, L1
21. Winter A., Clarke C., **Rosotti G.**, Booth R., *Protoplanetary Disc Response to Distant Tidal Encounters*, 2018 MNRAS, 475, 2314
22. Ercolano B., Jennings J., **Rosotti G.**, Birnstiel T., *“Photoevaporation’s limited success in the formation of planetesimals by the streaming instability”*, 2017 MNRAS, 472, 4117
23. Meru F., Juhasz A., Ilee J., Clarke C., **Rosotti G.**, Booth R., *“On the origin of the disc morphology around Elias 2-27”*, 2017 ApJ Letters, 839, 24
24. Facchini S., Manara C., Schneider C., Clarke C., Bouvier J., **Rosotti, G.**, Booth R., Haworth T., *“The violent environment of the inner disk of RW Aur A probed by the 2010 and 2015 dimming events”*, 2016 A&A, 596, 38
25. Gerosa G., Veronesi B., Lodato G., **Rosotti G.**, *“Spin alignment and differential accretion in merging black hole binaries”*, 2015 MNRAS, 451, 3941
26. Miotello A., Testi L., Lodato G., Ricci L., **Rosotti G.**, Brooks K., Maury A., Natta A., *“Grain growth in the envelopes and disks of Class I protostars”*, 2014 A&A, 567, A32
27. Manara, C., Testi, L., Natta, A., **Rosotti G.**, Benisty, M., Ercolano, B., Ricci, L., *“On the gas content of transitional disks: a VLT/X-Shooter study of accretion and winds”*, 2014 A&A, 568, A18
28. Ercolano B., Mayr D., Owen J., **Rosotti G.**, Manara C., *“The signature of X-ray photoevaporation of discs in the Mstar-Mdot relation of pre-main sequence stars”*, 2014 MNRAS, 436, 259

Data

16/03/2021

Luogo

Leicester