

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*

Volume 44, 2019

ICP Information Newsletter Digital



2019 CD Edition

1 - 138	Volume 44, Number 1, June 2018
139 - 252	Volume 44, Number 2, July 2018
253 - 358	Volume 44, Number 3, August 2018
359 - 506	Volume 44, Number 4, September 2018
507 - 640	Volume 44, Number 5, October 2018
641 - 784	Volume 44, Number 6, November 2018
785 - 926	Volume 44, Number 7, December 2018
927 - 1056	Volume 44, Number 8, January 2019
1057 - 1264	Volume 44, Number 9, February 2019
1265 - 1388	Volume 44, Number 10, March 2019
1389 - 1516	Volume 44, Number 11, April 2019
1517 - 1650	Volume 44, Number 12, May 2019



2020 Winter Conference on
Plasma Spectrochemistry
Tucson, Arizona, January 12 – 18, 2020



This 190th CD issue of *ICP Information Newsletter Digital* contains Volume 44, Number 12 for May 2019, and features abstracts from nine conferences.

Published in print form since 1975, the *Newsletter* is available to subscribers as a PDF (Portable Document Format) file on this CD-ROM (PC format). The PDF issue can be printed out or read on a computer screen. PDF files require Adobe's Acrobat Reader (www.adobe.com/products/acrobat/readstep2.html), which can be downloaded free.

© 2019 ICP Information Newsletter, Inc. Published Monthly

<http://icpinformation.org>

Editorial Office: University Research Institute for Analytical Chemistry, ICP Information Newsletter, Inc.
18241 Beauty Berry Ct., Lehigh Acres, FL 33972. Phone (239) 674-9430, fax (239) 674-9431 ISSN 0161-6951

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*

Volume 44, Number 1
June 2018

Table of Contents

- 1 - 14** 1st Workshop on Laser Bioimaging Mass Spectrometry. *Plasma Spectrochemical Abstracts*
- 15 - 34** Spectr'Atom 2018. *Plasma Spectrochemical Abstracts*
- 34 - 52** 66th ASMS Conference on Mass Spectrometry. *Plasma Spectrochemical Abstracts*
- 53 - 92** 9th Nordic Conference on Plasma Spectrochemistry. *Plasma Spectrochemical Abstracts*
- 93 - 104** Resources for Future Generations 2018. *Plasma Spectrochemical Abstracts*
- 104 - 109** 24th ICSSL 2018. *Plasma Spectrochemical Abstracts*
- 110 - 115** 41st Annual Meeting Brazilian Chemical Society. *Plasma Spectrochemical Abstracts*
- 115 - 120** Nutrition 2018. *Plasma Spectrochemical Abstracts*
- 120 - 122** 2018 ASCO Annual Meeting. *Plasma Spectrochemical Abstracts*
- 122** Metabolomics 2018. *Plasma Spectrochemical Abstracts*
- 123 - 127** Plasma Spectroscopy Calendar
- 128 - 129** Author Index
- 130 - 138** Announcements and Advertisements
- 130 - 131** Dominic Hare Wins Spectroscopy 2019 Emerging Leader in Atomic Spectroscopy Award. *Announcement Laura Bush*
- 131** Bernard Welz. *Memorial*
- 132 - 133** Edward B.M. Steers. *Memorial*



ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*

Volume 44, Number 2 July 2018

Table of Contents

- 139 - 186** 14th European Workshop on Laser Ablation. *Plasma Spectrochemical Abstracts: Laser Spectrochemistry*
- 186 - 203** 62nd ICASS Conference on Analytical Sciences and Spectroscopy. *Plasma Spectrochemical Abstracts*
- 204 - 220** 19th Biennial National Atomic Spectroscopy Conference BNASS 2018. *Plasma Spectrochemical Abstracts*
- 220 - 222** 3rd International Conference on Integrative Sciences and Sustainable Development of Rivers. *Plasma Spectrochemical Abstracts*
- 222 - 225** International Symposium on Inorganic and Environmental Materials 2018. *Plasma Spectrochemical Abstracts*
- 225** 2018 APhL Annual Meeting. *Plasma Spectrochemical Abstracts*
- 226 - 228** Nanotech France 2018. *Plasma Spectrochemical Abstracts*
- 228 - 230** 18th World Congress of Basic and Clinical Pharmacology. *Plasma Spectrochemical Abstracts*
- 230** Immuno-Oncology 2018 World Congress. *Plasma Spectrochemical Abstracts*
- 231 - 232** Institute of Food Technology Annual Meeting IFT18. *Plasma Spectrochemical Abstracts*
- 232 - 240** 81st Meteoritical Society Annual Meeting. *Plasma Spectrochemical Abstracts*
- 241** European Human Genetics Conference. *Plasma Spectrochemical Abstracts*
- 241 - 246** Plasma Spectroscopy Calendar
- 246 - 247** Author Index
- 248 - 252** Announcements and Advertisements



ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*

Volume 44, Number 3
August 2018

Table of Contents

- 253 - 288** 256th American Chemical Society National Meeting. *Plasma Spectrochemical Abstracts*
- 288 - 291** 25th Biennial Congress of the European Association for Cancer Research. *Plasma Spectrochemical Abstracts*
- 292 - 327** Goldschmidt 2018. *Plasma Spectrochemical Abstracts*
- 327 - 329** 5th International Palaeontological Congress. *Plasma Spectrochemical Abstracts*
- 329 - 330** ASHS 2018 Annual Conference. *Plasma Spectrochemical Abstracts*
- 331 - 335** 70th AACC Annual Scientific Meeting. *Plasma Spectrochemical Abstracts*
- 335 - 338** 2018 Brewing Summit. *Plasma Spectrochemical Abstracts*
- 338 - 340** 27th International Materials Research Congress. *Plasma Spectrochemical Abstracts*
- 341** SPIE Optics and Photonics. *Plasma Spectrochemical Abstracts*
- 341 - 347** NEMC 2018. *Plasma Spectrochemical Abstracts*
- 347 - 351** Plasma Spectroscopy Calendar
- 352 - 353** Author Index
- 353 - 358** Announcements and Advertisements



ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*



Volume 44, Number 4 September 2018

Table of Contents

- 359 - 378 22nd International Mass Spectrometry Conference. *Plasma Spectrochemical Abstracts*
378 - 382 Analitika 2018. *Plasma Spectrochemical Abstracts*
382 - 387 2nd Latin American Congress of Clinical and Laboratorial Toxicology. *Plasma Spectrochemical Abstracts*
387 - 390 54th Congress of the European Societies of Toxicology 2018. *Plasma Spectrochemical Abstracts*
390 6th Annual Immuno-Oncology Summit. *Plasma Spectrochemical Abstracts*
391 AAPM 60th Annual Meeting 2018. *Plasma Spectrochemical Abstracts*
392 - 402 29th Annual Meeting European Society for Biomaterials. *Plasma Spectrochemical Abstracts*
403 - 406 World Molecular Imaging Congress WMIC 2018. *Plasma Spectrochemical Abstracts*
406 - 407 28th Annual Conference German Society for Cytometry. *Plasma Spectrochemical Abstracts*
407 68th Annual Meeting American Society of Human Genetics. *Plasma Spectrochemical Abstracts*
408 10th Annual Next Generation Dx Summit. *Plasma Spectrochemical Abstracts*
408 41st Annual Conference Australasian Cytometry Society. *Plasma Spectrochemical Abstracts*
409 - 410 Session on Laser Assisted Plasma Spectrochemistry. *Report Gary M. Hieftje*
411 - 435 22nd International Mineralogical Association General Meeting. *Plasma Spectrochemical Abstracts*
435 - 438 50th Annual Canadian Mineral Analysts Conference. *Plasma Spectrochemical Abstracts*
438 - 453 10th International Aerosol Conference IAC 2018. *Plasma Spectrochemical Abstracts*
453 - 457 First EAGE/IFPEN Conference on Sulfur Risk Management in Exploration and Production. *Plasma Spectrochemical Abstracts*
457 - 458 18th International Conference on Electromagnetic Isotope Separators and Related Topics. *Plasma Spectrochemical Abstracts*
458 - 461 International Workshop on Planetary Missions IPM 2018. *Plasma Spectrochemical Abstracts*
461 - 467 European Planetary Science Congress 2018. *Plasma Spectrochemical Abstracts*
467 - 469 AEM 2018 Advanced Energy Materials. *Plasma Spectrochemical Abstracts*
469 - 470 2018 Gulf Coast Conference. *Plasma Spectrochemical Abstracts*
470 - 482 35th International Conference on Magmatism of the Earth and Related Strategic Metal Deposits. *Plasma Spectrochemical Abstracts*
482 - 491 34th International Conference on Magmatism of the Earth and Related Strategic Metal Deposits. *Plasma Spectrochemical Abstracts*
491 102nd OSA Annual Meeting. *Plasma Spectrochemical Abstracts*
492 - 496 Plasma Spectroscopy Calendar
496 - 497 Author Index
498 - 506 Announcements and Advertisements
498 JAAS Emerging Investigator Lectureship 2019. *Call for Nominations*
499 2020 Emerging Leader in Atomic Spectroscopy Award. *Call for Nominations*

2020 Winter Conference on
Plasma Spectrochemistry
Tucson, Arizona, January 12 - 18, 2020



© 2018 ICP Information Newsletter, Inc. Published Monthly <http://icpinformation.org>

Editorial Office: University Research Institute for Analytical Chemistry, ICP Information Newsletter, Inc.
18241 Beauty Berry Ct, Lehigh Acres, Florida 33972. Phone (239)674-9430, fax (239)674-9431 ISSN 0161-6951

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*



Volume 44, Number 5 October 2018

Table of Contents

507 - 592	SciX 2018. <i>Plasma Spectrochemical Abstracts</i>
593 - 607	19th International Conference on Heavy Metals in the Environment. <i>Plasma Spectrochemical Abstracts</i>
607	3rd International Congress on Regulations and Compliance in Cosmetics (CRCC2018). <i>Plasma Spectrochemical Abstracts</i>
608 - 611	32nd International Symposium on Chromatography. <i>Plasma Spectrochemical Abstracts</i>
611 - 615	31st European Association of Nuclear Medicine Annual Congress. <i>Plasma Spectrochemical Abstracts</i>
615	ACS 2018 Midwest Regional Meeting. <i>Plasma Spectrochemical Abstracts</i>
616 - 618	AGU JING Meeting (AJM2018) on Atmospheric PM _{2.5} . <i>Plasma Spectrochemical Abstracts</i>
618 - 619	XI International Conference in Surfaces, Materials and Vacuum. <i>Plasma Spectrochemical Abstracts</i>
619 - 622	AVS 65th International Symposium. <i>Plasma Spectrochemical Abstracts</i>
622	Materials Science and Engineering Congress 2018 (MSE). <i>Plasma Spectrochemical Abstracts</i>
623	2018 AIChE Annual Meeting. <i>Plasma Spectrochemical Abstracts</i>
623 - 624	OSA Laser Congress. <i>Plasma Spectrochemical Abstracts</i>
624 - 625	Materials Science & Technology 2018 Meeting. <i>Plasma Spectrochemical Abstracts</i>
625	JAAS Emerging Investigator Lectureship 2019. <i>Call for Nominations</i>
626 - 630	Plasma Spectroscopy Calendar
630 - 631	Author Index, Volume 44, Number 5
632 - 640	Announcements and Advertisements
632	2020 Emerging Leader in Atomic Spectroscopy Award. <i>Call for Nominations</i>
638	2020 Winter Conference Awards in Plasma Spectrochemistry. <i>Call for Nominations</i>

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*



Volume 44, Number 6 November 2018

Table of Contents

- 641 - 651 XVI Hungarian-Italian Symposium on Spectrochemistry (16HISS). *Plasma Spectrochemical Abstracts*
- 651 - 678 39th SETAC North America Annual Meeting. *Plasma Spectrochemical Abstracts*
- 679 - 682 Neuroscience 2018. *Plasma Spectrochemical Abstracts*
- 682 - 684 AAPS PharmSci 360. *Plasma Spectrochemical Abstracts*
- 684 - 688 70th Southeastern Regional Meeting American Chemical Society. *Plasma Spectrochemical Abstracts*
- 688 41st Colloquium Spectroscopicum Internationale 2019, CSI XLI. *Call for Papers*
- 689 - 690 41st Annual Conference Australasian Cytometry Society. *Plasma Spectrochemical Abstracts*
- 691 - 741 GSA 130th Annual Meeting. *Plasma Spectrochemical Abstracts*
- 741 - 750 International Symposium on Biological and Environmental Reference Materials BERM15. *Plasma Spectrochemical Abstracts*
- 750 - 752 2nd SETAC Central/West Africa Regional Conference. *Plasma Spectrochemical Abstracts*
- 752 - 769 26th SCF Earth Sciences Meeting. *Plasma Spectrochemical Abstracts*
- 769 2020 Winter Conference Award in Plasma Spectrochemistry. *Call for Nominations*
- 770 10th Asian Rock Mechanics Symposium ARMS 10. *Plasma Spectrochemical Abstracts*
- 770 - 775 Plasma Spectroscopy Calendar
- 775 - 776 Author Index, Volume 44, Number 6
- 777 - 784 Announcements and Advertisements
- 777 2020 Emerging Leader in Atomic Spectroscopy Award. *Call for Nominations*

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*

Volume 44, Number 7 December 2018

Table of Contents

- 785- 872 19th National Analytical Chemistry Meeting ENQA. *Plasma Spectrochemical Abstracts*
- 873 - 875 Professor Les Ebdon Knighted. *Announcement*
- 875 - 883 5th Uruguayan Analytical Chemistry Congress. *Plasma Spectrochemical Abstracts*
- 883 - 889 33rd Latin-American Chemistry Congress. *Plasma Spectrochemical Abstracts*
- 890 - 892 2018 Eastern Analytical Symposium. *Plasma Spectrochemical Abstracts*
- 892 - 894 2018 Sustainable Industrial Processing Summit. *Plasma Spectrochemical Abstracts*
- 894 - 895 6th National Meeting of Forensic Chemistry. *Plasma Spectrochemical Abstracts*
- 895 - 905 2018 MRS Fall Meeting. *Plasma Spectrochemical Abstracts*
- 906 2018 ASCB|EMBO 2018 Meeting. *Plasma Spectrochemical Abstracts*
- 906 - 909 Matériaux 2018. *Plasma Spectrochemical Abstracts*
- 909 - 913 Plasma Spectroscopy Calendar
- 913 - 914 Author Index, Volume 44, Number 7
- 915 - 917 Gary Horlick. *Memorial*
- 917 James W. Robinson. *Memorial*
- 918 - 926 Announcements and Advertisements

**2020 Winter Conference on
Plasma Spectrochemistry
Tucson, Arizona, January 12 – 18, 2020**



© 2018 ICP Information Newsletter, Inc. Published Monthly <http://icpinformation.org>

**Editorial Office: University Research Institute for Analytical Chemistry, ICP Information Newsletter, Inc.
18241 Beauty Berry Ct, Lehigh Acres, Florida 33972. Phone (239)674-9430, fax (239)674-9431 ISSN 0161-6951**

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*

Volume 44, Number 8 January 2019

Table of Contents

- 927 - 992 AGU Fall Meeting 2018. *Plasma Spectrochemical Abstracts*
- 992 - 1003 Ninth Symposium on Polar Science. *Plasma Spectrochemical Abstracts*
- 1003 - 1005 Hayabusa 2018: 6th Symposium of the Solar System Materials. *Plasma Spectrochemical Abstracts*
- 1005 - 1008 9th Asian Biological Inorganic Chemistry (AsBIC) Conference. *Plasma Spectrochemical Abstracts*
- 1008 - 1009 International Conference on Advanced and Applied Petroleum, Petrochemicals, and Polymers. *Plasma Spectrochemical Abstracts*
- 1010 - 1011 ANEM2018 Advanced Nano and Energy Conference. *Plasma Spectrochemical Abstracts*
- 1011 - 1012 Frontiers in Chemical Sciences. *Plasma Spectrochemical Abstracts*
- 1013 International Conference on Phosphorus, Boron and Silicon. *Plasma Spectrochemical Abstracts*
- 1013 - 1014 99th AMS Annual Meeting. *Plasma Spectrochemical Abstracts*
- 1014 - 1017 Imaging Mass Spectrometry Society Meeting. *Plasma Spectrochemical Abstracts*
- 1017 3rd Queensland Mass Spectroscopy Symposium. *Plasma Spectrochemical Abstracts*
- 1018 - 1019 7th Brazilian Conference on Mass Spectrometry. *Plasma Spectrochemical Abstracts*
- 1019 - 1029 XIII Latin American Symposium on Environmental and Analytical Chemistry. *Plasma Spectrochemical Abstracts*
- 1029 - 1037 2nd Indian Mass Spectrometry Users Congress. *Plasma Spectrochemical Abstracts*
- 1038 27th ANZSMS Conference. *Plasma Spectrochemical Abstracts*
- 1039 - 1045 Plasma Spectroscopy Calendar
- 1046 - 1047 Author Index
- 1047 Alan L. Gray. *Memorial*
- 1048 - 1056 Announcements and Advertisements

2020 Winter Conference on
Plasma Spectrochemistry
Tucson, Arizona, January 12 - 18, 2020



ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*

Volume 44, Number 9 February 2019

Table of Contents

- 1057 - 1058** 2019 European Winter Conference on Plasma Spectrochemistry. *Introduction.*
Ryszard Lobinski
- 1058 - 1247** 2019 European Winter Conference on Plasma Spectrochemistry. *Plasma Spectrochemical Abstracts*
- 1248 - 1253** Plasma Spectroscopy Calendar
- 1253 - 1255** Author Index
- 1256 - 1264** Announcements and Advertisements



© 2019 ICP Information Newsletter, Inc. Published Monthly <http://icpinformation.org>

Editorial Office: University Research Institute for Analytical Chemistry, ICP Information Newsletter, Inc.
18241 Beauty Berry Ct, Lehigh Acres, Florida 33972. Phone (239)674-9430, fax (239)674-9431 ISSN 0161-6951

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*

Volume 44, Number 10
March 2019

Table of Contents

- 1265 - 1295** Pittcon 2019. *Plasma Spectrochemical Abstracts*
1295 - 1304 SOT 58th Annual Meeting. *Plasma Spectrochemical Abstracts*
1304 - 1313 6th Workshop on Field-Flow Fractionation – Mass Spectrometry. *Plasma Spectrochemical Abstracts*
1314 - 1324 AAFS 71st Annual Scientific Meeting 2019. *Plasma Spectrochemical Abstracts*
1325 - 1340 EGU General Assembly 2019. *Plasma Spectrochemical Abstracts*
1340 - 1349 257th ACS National Meeting. *Plasma Spectrochemical Abstracts*
1349 - 1359 2nd German Mass Cytometry User Forum. *Plasma Spectrochemical Abstracts*
1359 - 1360 SPIE BiOS 2019. *Plasma Spectrochemical Abstracts*
1360 APS March Meeting 2019. *Plasma Spectrochemical Abstracts*
1361 Experimental Biology 2019. *Plasma Spectrochemical Abstracts*
1362 - 1366 AACR Annual Meeting 2019. *Plasma Spectrochemical Abstracts*
1366 PDAC 2019. *Plasma Spectrochemical Abstracts*
1367 TMS 2019 148th Annual Meeting. *Plasma Spectrochemical Abstracts*
1367 2019 International Year of the Periodic Table.
1368 - 1373 Society for American Archaeology 84th Annual Meeting. *Plasma Spectrochemical Abstracts*
1373 - 1378 Plasma Spectroscopy Calendar
1379 - 1380 Author Index
1381 - 1388 Announcements and Advertisements



2020 Winter Conference on
Plasma Spectrochemistry
Tucson, Arizona, January 12 – 18, 2020



© 2019 ICP Information Newsletter, Inc. Published Monthly <http://icpinformation.org>

Editorial Office: University Research Institute for Analytical Chemistry, ICP Information Newsletter, Inc.
18241 Beauty Berry Ct, Lehigh Acres, Florida 33972. Phone (239)674-9430, fax (239)674-9431 ISSN 0161-6951

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*



Volume 44, Number 11 April 2019

Table of Contents

1389 - 1421	3rd North American Workshop on Laser Ablation. <i>Plasma Spectrochemical Abstracts</i>
1421 - 1430	3rd Caparica Christmas Conference on Sample Treatment. <i>Plasma Spectrochemical Abstracts</i>
1430 - 1443	102nd Canadian Chemistry Conference and Exhibition. <i>Plasma Spectrochemical Abstracts</i>
1443 - 1448	Immunology 2019. <i>Plasma Spectrochemical Abstracts</i>
1449	TRACE 2019, Tree Rings in Archaeology, Climatology and Ecology. <i>Plasma Spectrochemical Abstracts</i>
1459 - 1465	SETAC Europe 29th Annual Meeting. <i>Plasma Spectrochemical Abstracts</i>
1465 - 1466	SETAC PNC's 10th Annual General Meeting and Conference. <i>Plasma Spectrochemical Abstracts</i>
1466	SETAC Hudson-Delaware Chapter 2019 Annual Spring Meeting. <i>Plasma Spectrochemical Abstracts</i>
1467	SETAC 32nd Annual Meeting Rocky Mountain Chapter. <i>Plasma Spectrochemical Abstracts</i>
1467	2019 AOCS Annual Meeting. <i>Plasma Spectrochemical Abstracts</i>
1468 - 1472	AAPG 2019 Annual Convention. <i>Plasma Spectrochemical Abstracts</i>
1473 - 1475	ATS International Conference. <i>Plasma Spectrochemical Abstracts</i>
1475 - 1478	Nutrition 2019. <i>Plasma Spectrochemical Abstracts</i>
1479	Mid-Atlantic Association of Forensic Scientists Annual Meeting. <i>Plasma Spectrochemical Abstracts</i>
1480 - 1481	AIC's 47th Annual Meeting. <i>Plasma Spectrochemical Abstracts</i>
1481 - 1483	ASGCT Annual Meeting. <i>Plasma Spectrochemical Abstracts</i>
1483 - 1496	10th Argentine Congress on Analytical Chemistry 2019. <i>Plasma Spectrochemical Abstracts</i>
1496	PMTi2019: Powder Metallurgy and Additive Manufacturing of Titanium. <i>Plasma Spectrochemical Abstracts</i>
1497	Materials Science & Technology 2019 Meeting. <i>Plasma Spectrochemical Abstracts</i>
1486	3rd International Conference on Petroleum, Refining, and Environmental Technologies. <i>Plasma Spectrochemical Abstracts</i>
1499 - 1507	Plasma Spectroscopy Calendar
1507 - 1508	Author Index
1509 - 1510	Professor Stanley Greenfield, <i>Memorial</i>
1511 - 1516	Announcements and Advertisements

ICP Information NEWSLETTER

INDUCTIVELY COUPLED PLASMA DISCHARGES FOR SPECTROCHEMICAL ANALYSIS

Ramon M. Barnes, *Editor*



Volume 44, Number 12 May 2019

Table of Contents

- 1517 - 1569** Colloquium Spectroscopicum Internationale XLI; Latin American Meeting on Laser Induced Breakdown Spectroscopy I. *Plasma Spectrochemical Abstracts*
- 1570 - 1588** 63rd International Conference and Analytical Sciences and Spectroscopy. *Plasma Spectrochemical Abstracts*
- 1589 - 1596** Spectr'Atom 2019. *Plasma Spectrochemical Abstracts*
- 1596 - 1608** 258th ACS Fall 2019 National Meeting. *Plasma Spectrochemical Abstracts*
- 1609 - 1624** 42nd Annual Meeting of the Brazilian Chemical Society. *Plasma Spectrochemical Abstracts*
- 1624 - 1635** 11th International Conference on Instrumental Methods of Analysis. *Plasma Spectrochemical Abstracts*
- 1636 - 1643** Plasma Spectroscopy Calendar
- 1644 - 1645** Author Index
- 1646 - 1650** Announcements and Advertisements

2020 Winter Conference on
Plasma Spectrochemistry
Tucson, Arizona, January 12 - 18, 2020



CSI
XLI



LAM
LIBS

MEXICO 2019

MEXICO 2019

© 2019 ICP Information Newsletter, Inc. Published Monthly <http://icpinformation.org>

Editorial Office: University Research Institute for Analytical Chemistry, ICP Information Newsletter, Inc.
18241 Beauty Berry Ct, Lehigh Acres, Florida 33972. Phone (239)674-9430, fax (239)674-9431 ISSN 0161-6951