

The background of the entire page is a complex, abstract fractal-like pattern. It consists of numerous overlapping, curved lines in shades of purple and white, creating a sense of depth and movement. The lines appear to be generated by a mathematical process, possibly related to the Mandelbrot set or similar fractal geometry. The overall effect is a visually rich and intricate design.

**Harvard University
Department of
Mathematics**

2019 - 2020 Spring Directory

**Tel: (617) 495-2171
Fax: (617) 495-5132
www.math.harvard.edu**

DEPARTMENT OF MATHEMATICS
DIRECTORY - SPRING 2019

| | | | |
|-------------------------------|-----------|---------------|--------|
| BOEHNKE, Jorn (V-CMSA) | boehnke | | |
| BOGAEVSKY, Tatyana (S - CMSA) | bogaevsky | 20 Garden 105 | |
| BORETSKY, Jonathan (G) | jboretsky | 321c | |
| BRALEY, Emily (P) | braley | 225 | 6-9122 |
| BRENNECKE, Christian (BP) | brennecke | 239 | 5-8797 |
| BRENTANA, Pam (S) | pbrentan | 325 | 5-5334 |
| CAIN, Wes (SL) | jcain2 | 515 | 5-1790 |
| CASS, Robert (G) | rcass | 242d | |
| CHANG, Jaewon (G) | jchang | 321f | |
| CHAVEZ SARMIENTO, Raul (G) | rchavez | 428e | |
| CHEN, Diana Lu (S) | dlchen | 325a | 6-4518 |
| CHEN, Janet (SP) (OL) | jjchen | 429 | 5-2168 |
| CHEN, Lin (G) | linchen | 421d | |
| CHEN, Yuewen (V-CMSA) | | 20 Garden 115 | 6-7485 |
| CHEUNG, Man-Wai (Mandy) (BP) | mwcheung | 505h | 5-1496 |
| CHUA, Dexter (G) | dexter | 428a | |
| COLLINS, Voula (P) | vcollins | 209 | 5-1267 |
| COWAN, Alexander (PD) | cowan | 226b | 5-2124 |
| DEMERS, Matthew (P) | mdemers | 209.2 | 5-1364 |
| DOR, Yuval (G) | yuvald | 333f | |
| DORAN, Charles (V-CMSA) | doran | 20 Garden G06 | 6-8903 |
| DUBOVA, Sofiia (G) | sdubova | 431d | |
| ELKIES, Noam (F) | elkies | 335 | 5-4625 |
| ELMANTO, Elden (BP) | elmanto | 231 | 6-0459 |
| FREUND, David (P) | dfreund | 209.5 | 5-1389 |
| FU, Yuchen (G) | yfu | 426e | |
| FUNG, Jun Hou (G) | jhfung | 333g | |
| GAER, Arthur (S) | gaer | 426h | 5-1610 |
| Computing Assistant | | 424 | |
| GAITSGORY, Dennis (F) | gaitsgde | 338 | 5-5363 |
| GARDNER-THOMAS, Carolyn (L) | | 242a | 6-7155 |
| GERIG, Chris (L) | cgerig | 520 | 6-3399 |
| GLAZER, Elliot (G) | eglazer | 426d | |
| GOTTLIEB, Robin (F) | gottlieb | 430 | 5-7882 |
| GROSS, Benedict (E) | gross | N/A | |

DEPARTMENT OF MATHEMATICS
DIRECTORY - SPRING 2019

| | | | |
|---|-------------------------|---------------|-------------|
| GRUNDMEIER, Dusty (ASL) | deg | 230 | 5-9580 |
| GU, David Xianfeng (V-CMSA) | gu | | |
| GU, Wei (PD-CMSA) | weigu | 20 Garden 116 | 5-0703 |
| GUERRA, Jill (P) | guerra | 209.4 | 5-1381 |
| GUI, Zhenping (V-CMSA) | zhenping | 20 Garden 115 | 6-7485 |
| GUNBY, Benjamin (G) | bgunby | 421e | |
| GUNDLACH, Fabian (BP) | gundlach | 233 | 6-0829 |
| HARRIS, Joseph (F) | harris | 339 | 5-5335 |
| HEARST, William III (V) | | N/A | |
| HELTON, Bill (V-CMSA) | | 20 Garden 207 | |
| HIRONAKA, Eriko (L) | | 524 | 5-1938 |
| HOPKINS, Michael (F) | mjh | 508 | 6-9520 |
| HUANG, An (V-CMSA) | | 20 Garden 202 | 6-3073 |
| JAFFE, Arthur (F) | jaffe | Lyman 338 | 5-4320 |
| Barbara Drauschke, Assistant - drauschke@physics; Fax: 5-2895 | | | |
| JEFFS, Maxim (G) | jeffs | 431c | |
| JIMENEZ, Cindy (S) | cindy | 334 | 5-9116 |
| JUNKINS, Caroline (P) | cjunkins | 420 | 5-5340 |
| KALASHNIKOV, Elana (BP) | kalashnikov | 238 | 6-8366 |
| KARIGIANNIS, Spiro (V-CMSA) | karigiannis | 20 Garden G07 | 4-8680 |
| KAUFMANN, Jenna (G) | jkaufmann | 425c | |
| KAZHDAN, David (E) | kazhdan@math.huji.ac.il | | |
| KELLY, Brendan (SP) | kelly | 422 | 5-9580 |
| KENNEDY, Larissa (S) | lkennedy | 331 | 6-5211 |
| KESSLER, Enno (PD-CMSA) | ek | 20 Garden 115 | 6-7485 |
| KIM, Donghyun (G) | dhkim | 421a | |
| KING, Jonathan (S) | jking | 325a | 17-998-1831 |
| KISIN, Mark (F) (OL) | kisin | 234 | 6-1516 |
| KLEP, Igor (V-CMSA) | igor.klep | 20 Garden G07 | 4-8680 |
| KNILL, Oliver (P) | knill | 432 | 5-5549 |
| KOBAYASHI, Ryohei (V-CMSA) | | | |
| KRESLAVSKAYA, Anna (S) | kreslavs | 320 | 5-1496 |
| KRONHEIMER, Peter (F) | kronheim | 343 | 5-5745 |
| KUPERS, Alexander (BP) | kupers | 341 | 5-8477 |
| LAM, Joshua (G) | ylam | 428f | |

**DEPARTMENT OF MATHEMATICS
DIRECTORY - SPRING 2019**

| | | | |
|---|--------------------------|---------------|--------|
| LEE, Mitchell (G) | mitchell | 426c | |
| LEE, Si Ying (G) | sylee | 428c | |
| LEE, Tsung-Ju (PD-CMSA) | tjlee | 20 Garden 109 | 6-7495 |
| LEMM, Marius (BP) | mlemm | 237 | 6-6978 |
| LEON-GUERRERO, Gaby (S - CMSA) | gaby | 20 Garden 103 | 5-5615 |
| LI, Jiakai (G) | jiakaili | 428g | |
| LI, Siyan (G) | sli | 505a | |
| LIBRARY, Math Dept | | 337 | 5-2147 |
| LIN, Kevin (G) | klin | 324d | |
| LOFTIN, John (V-CMSA) | | 20 Garden G08 | 4-8694 |
| LONG, Gabriel (G) (OL) | glong115 | 431f | |
| LOPATTO, Patrick (G) | lopatto | 242g | |
| LUH, Kyle (PD-CMSA) | kluh | 20 Garden 106 | 6-7482 |
| MAIN OFFICE | mainoffice | 325 | 5-2171 |
| MALONEY, Ryan (S - CMSA) | rmaloney | 20 Garden 105 | 6-7132 |
| MAO, Yixiang (G) | mao | 242e | |
| MARCINEK, Jake (G) | marcinek | 242b | |
| MARKS, Samuel (G) | smarks | 431e | |
| MASKIN, Eric (F) | emaskin@fas | Littauer 312 | 5-1746 |
| Samantha Webb, Assistant - swebb@fas.harvard.edu , 5-4434 | | | |
| MAZUR, Barry (F) | mazur | 512 | 5-3352 |
| McCOLL, Stephanie (S) | mccoll | 325 | 5-2141 |
| McMULLEN, Curtis (F - Chair) | ctm | 523 | 5-0396 |
| | Chair's office | 326 | 5-2172 |
| MI, Rongxiao (PD-CMSA) | rongxiao | 20 Garden 116 | 5-0703 |
| MILANO, Susan (S) | milano | 308 | 6-4203 |
| MINDER, Irene (S) | irene | 329 | 5-2170 |
| MORELAND, Gwyneth (G) | gwynm | 505f | |
| MUMFORD, David (E) | david_mumford@brown.edu | | |
| NIE, Tian (G) | tnie | 333c | |
| NOWAK, Martin (F) (OL - Fall) | martin_nowak@harvard.edu | 1 Brattle Sq | 6-4737 |
| Katherine Gallagher, Assistant - katherinegallagher@fas.harvard.edu | | | |
| OPIE, Morgan (G) | opie | 505g | |
| OROSZ HUNZIKER, Florencia (L) | orosz | 209.1 | 6-0549 |
| PARK, Peter (G) | pspark | 242c | |

DEPARTMENT OF MATHEMATICS
DIRECTORY - SPRING 2019

| | | | |
|------------------------------|----------------|---------------|--------|
| PARK, Sung Gi (G) | sgpark | 321e | |
| PAUL, Stepan (P) | spaul | 209.3 | 5-1365 |
| PEI, Du (PD-CMSA) | | 20 Garden 107 | 5-4916 |
| PENNER, Kate (P) | penner | 223 | 6-8311 |
| PETROV, Aleksandr (G) | apetrov | 428b | |
| PICARD, Sebastien (BP) | spicard | 235 | 6-1561 |
| QIN, Yingdi (G) | yqin | 428d | |
| SAINT-DONAT, Bernard (V) | | N/A | |
| SCHMID, Wilfried (F) | schmid | 527 | 5-7840 |
| SHAH, Syed Waqar Ali (G) | swshah | 536 | |
| SHERMAN-BENNETT, Melissa (G) | shermanbennett | 425b | |
| SHESHMANI, Artan (V-CMSA) | artan | | |
| SHI, Yun (PD-CMSA) | yshi | 20 Garden 116 | 5-0703 |
| SIU, Yum-Tong (F) (OL) | siu | 511 | 5-3790 |
| SMITH, Alexander (G) | adsmith | 421f | |
| SMITH, Geoffrey (G) | gsmith | 321d | |
| SPINK, Hunter (G) | hspink | 531 | |
| STERNBERG, Shlomo (E) | shlomo | N/A | |
| STOICA, Bogdan (PD-CMSA) | bstoica | 20 Garden 115 | 6-7485 |
| SUN, Weifeng (G) | swf12 | 421c | |
| SWEETING, Naomi (G) | naomisweeting | 324d | |
| TAUBES, Clifford (F) (OL) | chtaubes | 504 | 5-5579 |
| THORNGREN, Ryan (PD-CMSA) | ryan.thorngren | 20 Garden 106 | 6-7482 |
| TORKAMAN, Tina (G) | torkaman | 505b | |
| TOSATTI, Valentino (VP) | tosatti | 518 | 6-7286 |
| TRIPATHY, Arnav (BP) | tripathy | 535 | 5-2210 |
| TSENG, Dennis (G) | dtseeng | 421g | |
| ULLERY, Brooke (BP) | bullery | 503 | 5-1349 |
| VASEY, Sebastien (BP) | sebv | 321h | 5-1039 |
| VERSTYUK, Sergiy (PD-CMSA) | verstyuk | 20 Garden 107 | 5-4916 |
| VO, Duc (G) | duvo | 505d | |
| von SOOSTEN, Per (V) | vonsoosten | 226c | 5-2124 |
| WALKER, Hakim (P) | hjwalker | 421h | 6-6337 |
| WANG, Charles (G) | cmwang | 421b | |
| WANG, Joshua (G) | jxwang | 425a | |

**DEPARTMENT OF MATHEMATICS
 DIRECTORY - SPRING 2019**

| | | | |
|------------------------------|-------------|---------------|--------|
| WANG, Juven (PD-CMSA) | jw | CMSA 107 | 5-4916 |
| WANG, Yifan (PD-CMSA) | yifanw | 20 Garden 116 | 5-0703 |
| WARD, Abigail (G) | award | 431a | |
| WILLIAMS, Lauren (F) | williams | 510 | 5-1727 |
| WILLIAMS, Ruth (V-CMSA) | rjwilliams | 20 Garden 207 | |
| WILSON, Dylan (PD) | dwilson | 226f | 5-2124 |
| WINSOR, Karl (G) | kwinsor | 533 | |
| WOODIN, Hugh (F) (OL - Fall) | woodin | 513 | 5-8796 |
| WU, Tianqi (PD-CMSA/L) | tianqiwu | 242i | 6-7287 |
| XIA, Jianqiao (G) | jianqiaoxia | 431g | |
| XU, Kai (G) | kaixu | 333d | |
| XU, Yujie (G) | yujiex | | |
| YANG, David (G) | dyang | 532 | |
| YANG, Lucy (G) | lyang | 425f | |
| YANG, Yuxuan (G) | yyx0725 | 333e | |
| YANG, Ziquan (G) | zqyang | 425d | |
| YAO, Zijian (G) | zyao | 242f | |
| YAU, Horng-Tzer (F) (OL) | htyau | 240 | 6-8425 |
| YAU, Shing-Tung (F) | yau | 340 | 5-0836 |
| YILDIZ, Eylem (L) | yildiz | 524a | 5-5572 |
| ZEMKE, Drew (P) | dzemke | 423 | 5-2482 |
| ZHANG, Yongquan (G) | yqzhang | 426f | |
| ZHAO, Yifei (G) | yifei | 321g | |
| ZHOU, Yang (PD-CMSA) | yangzhou | 20 Garden 109 | 6-7495 |
| ZHU, Xiaojue (PD-CMSA) | xzhu | 20 Garden 109 | 6-7495 |

ACADEMIC CALENDAR

| | 2019 - 2020 | 2020 - 2021 |
|---|-------------|-------------|
| Academic Year Begins: First meeting of Fall term classes | Sep 3 (Tu) | Sep 2 (W) |
| University Holiday: Labor Day | Sep 2 (M) | Sep 7 (M) |
| College Course Registration Deadline | Sep 9 (M) | Sep 9 (W) |
| GSAS Registration Deadline | Sep 11 (W) | Sep 11 (W) |
| University Holiday: Columbus Day | Oct 14 (M) | Oct 12 (M) |
| University Holiday: Veteran's Day (classes will be held) | Nov 11 (M) | Nov 11 (W) |
| Thanksgiving Recess begins | Nov 27 (W) | Nov 25 (W) |
| Thanksgiving Recess ends | Dec 1 (Su) | Nov 29 (Su) |
| Last Day of Fall Term Classes | Dec 3 (Tu) | Dec 3 (Th) |
| Fall Reading Period Begins | Dec 4 (W) | Dec 4 (F) |
| Fall Reading Period Ends | Dec 9 (M) | Dec 9 (W) |
| Fall Term Final Examinations Begin | Dec 11 (W) | Dec 10 (Th) |
| Fall Term Final Examinations End | Dec 19 (Th) | Dec 19 (Sa) |
| Winter Recess Begins | Dec 20 (F) | Dec 20 (Su) |
| GSAS Winter Recess Ends | Jan 2 (Th) | Jan 4 (M) |
| January @ GSAS Begins | Jan 13 (M) | Jan 11 (M) |
| January @ GSAS Ends | Jan 24 (F) | Jan 22 (F) |
| University Holiday: Martin Luther King Day | Jan 20 (M) | Jan 18 (M) |
| College Winter Recess Ends | Jan 26 (Su) | Jan 24 (Su) |
| Spring term begins | Jan 27 (M) | Jan 25 (M) |
| College Course Registration Deadline | Jan 31 (F) | Jan 29 (F) |
| University Holiday: President's Day | Feb 17 (M) | Feb 15 (M) |
| Spring Recess begins | Mar 14 (Sa) | Mar 12 (Sa) |
| Spring Recess ends | Mar 22 (Su) | Mar 21 (Su) |
| Last day spring classes | Apr 29 (W) | Apr 28 (W) |
| Reading Period begins | Apr 30 (Th) | Apr 29 (Th) |
| Spring Reading Period ends | May 6 (W) | May 5 (W) |
| Spring Examination Period begins | May 7 (Th) | May 6 (Th) |
| Spring Examination Period ends | May 16 (Sa) | May 15 (Sa) |
| Harvard University Commencement | May 28 (Th) | May 27 (Th) |
| University Holiday: Memorial Day | May 25 (M) | May 31 (M) |
| Summer School Begins | Jun 22 (M) | Jun 21 (M) |
| Summer School Ends | Aug 7 (F) | Aug 6 (F) |

