SELECTED BIBLIOGRAPHY FOR CONVERGENT SCIENCE & CONVERGE CFD SOFTWARE

Updated August 1, 2019

1. Argonne National Laboratory; Convergent Science; University of Massachusetts Amherst

2. Argonne National Laboratory; Università degli Studi di Perugia

3. Argonne National Laboratory; Università degli Studi di Perugia

4. Argonne National Laboratory; Università degli Studi di Perugia

5. Università degli Studi di Perugia; University of Bologna

6. Argonne National Laboratory; Università degli Studi di Perugia

7. Indian Institute of Technology Delhi; Università degli Studi di Perugia; Argonne National Laboratory; University of Waterloo

8. Università degli Studi di Perugia; Argonne National Laboratory


19. **FEV**

20. **Prometheus Applied Technologies, LLC; Universität der Bundeswehr München**

21. **ABB Turbo Systems**

22. **Oak Ridge National Laboratory; ExxonMobil Research & Engineering; MAHLE Powertrain; Hans Jensen Lubricators**

23. **Tianjin University; China Shipbuilding Power Engineering Institute Co., Ltd.**

24. **Woodward, Inc.**

25. **GE Global Research Center; Convergent Science**

26. **Tianjin University; China Shipbuilding Power Engineering Institute Co., Ltd.**

27. **Southwest Research Institute; GE Global Research Center**
28. **Jiangsu University**  

29. **Harbin Engineering University; HOERBIGER Wien GmbH**  

30. **Shanghai Jiao Tong University; China Shipbuilding Power Engineering Institute Co., Ltd.**  

31. **Technische Universität München**  

32. **Harbin Engineering University**  

33. **Tianjin University**  

34. **Hebei University of Technology; Tianjin University; University of Strathclyde; China Shipbuilding Power Engineering Institute Co., Ltd.**  

35. **University of Michigan; General Motors R&D**  

36. **Shanghai Jiao Tong University; General Motors R&D**  
37. **Tsinghua University**
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38. **Convergent Science; Argonne National Laboratory; Aramco Research Center**

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40. **Stony Brook University**

41. **Shenzhen University; Chongqing University; Hunan University**

42. **Amrita Vishwa Vidyapeetham; Renault Nissan Technology and Business Centre India; Renault SAS**

43. **University of Waterloo**
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44. **Tsinghua University**

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46. **Tianjin University; Brunel University London; China North Engine Research Institute**

47. **Shanghai Jiao Tong University; King Abdullah University of Science and Technology**

48. **Colorado State University**

49. **Sojo University**

50. **Sojo University**

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52. **Argonne National Laboratory; Oak Ridge National Laboratory**

53. **Tsinghua University**

54. **University of Science and Technology of China; Zhejiang University; Texas Tech University**
55. **University of Michigan; Hongik University; Sandia National Laboratories**

56. **Hebei University of Technology; Shandong University**

57. **University of Massachusetts Lowell**

58. **North Carolina State University**
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59. **Wuhan University; University of Illinois Urbana-Champaign; China Ship Development and Design Center**

60. **Beijing Institute of Technology; Collaborative Innovation Center of Electric Vehicles in Beijing**

61. **University of California, Berkeley; Tianjin University**

62. **Stony Brook University; Sandia National Laboratories**

63. **The Ohio State University; Oak Ridge National Laboratory**
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65. **King Abdullah University of Science and Technology; University of Jeddah; Saudi Aramco**  

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70. **Sardar Vallabhbhai National Institute of Technology; Gdhyana Sanshodhana Nagar**  

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76. **Tianjin University; Brunel University London; China North Engine Research Institute**  

77. **Stony Brook University**  

78. **Argonne National Laboratory; University of Perugia; Bennett University**  

79. **Argonne National Laboratory; University of Perugia; Bennett University**  

80. **Argonne National Laboratory; University of Perugia**  

81. **Gardner Denver Schopfheim GmbH**  
82. **CMT-Motores Térmicos**


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84. **Mississippi State University**


85. **Aramco Research Center**


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89. **General Motors**

90. **Pinnacle Engines; Oak Ridge National Laboratory**

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92. **Argonne National Laboratory; Sandia National Laboratories**

93. **Argonne National Laboratory; University of Connecticut; Convergent Science**

94. **Argonne National Laboratory; University of Connecticut**

95. **Argonne National Laboratory; General Motors R&D**

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97. **Aramco Research Center; Argonne National Laboratory; Delphi Technologies**

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99. **Caterpillar Inc.**

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102. **Aramco Research Center; BorgWarner Turbo Systems**

103. **Delphi Technologies; Achates Power**

104. **IFP Energies nouvelles; Convergent Science**

105. **Convergent Science**

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107. **University of Oxford**

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109. **Argonne National Laboratory; Università degli Studi di Perugia; Indian Institute of Technology Delhi**


110. **University of Massachusetts Amherst; Argonne National Laboratory; Monash University; Convergent Science; Hino Motors, Ltd.; Artium Technologies, Inc.; Sandia National Laboratories; ICON Technology & Process Consulting Ltd.**


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116. **Tongji University; Chongqing University; Y&C Engine Co., Ltd.**


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118. Indian Institute of Technology Bombay  

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120. Mainstream Engineering Corporation  

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122. Aramco Services Company; Argonne National Laboratory  

123. GE Global Research Center; Convergent Science; Oak Ridge National Laboratory  

124. University of Windsor  

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126. King Abdullah University of Science and Technology

127. Southwest Research Institute

128. Tianjin University; Argonne National Laboratory; Ford Motor Company

129. Texas Tech University; Oakland University

130. Indian Institute of Technology Madras

131. Southwest Research Institute

132. Aramco Research Center; Argonne National Laboratory; FRIENDSHIP SYSTEMS AG; Convergent Science

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134. University Center of Nâama; Institute Mines-Telecom Atlantique de Nantes, France; University of Abou Bekr Belkaid Tlemcen
135. **Daihatsu Motor Co., Ltd.**

136. **University of Waterloo**

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138. **DENSO Corporation**

139. **Convergent Science**

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141. **Penn State College of Medicine; Pennsylvania State University**

142. **Argonne National Laboratory; Politecnico di Torino**

143. **University of Massachusetts Amherst; Convergent Science; Oregon State University; Northeastern University**
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153. **General Motors; University of Michigan**

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183. Convergent Science; Argonne National Laboratory; Aramco Research Center

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185. IFP Energies nouvelles; Convergent Science
186. **Argonne National Laboratory; Aramco Research Center**  

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188. **Technion – Israel Institute of Technology**  

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195. **University of Cincinnati; Wayne State University**  

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197. **West Virginia University**  

198. **West Virginia University; National Research Council, Canada; Tianjin University**  

199. **Kocaeli University; Sakarya University**  

200. **DENSO Corporation**  

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202. **Federal University of Santa Catarina**  

203. **Argonne National Laboratory; University of Connecticut; Convergent Science**  
204. **Stanford University**  

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208. **Shanghai Jiao Tong University**  

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210. **MOE Key Laboratory for Power Machinery and Engineering**  

211. **The Ohio State University**  

212. **Aramco Services Company**  
213. National Institute of Technology, Warangal, India

214. U.S. Army Research Laboratory; Stanford University; AMRDEC-ADD

215. Iowa State University

216. General Motors; Oak Ridge National Laboratory; Lawrence Livermore National Laboratory

217. Argonne National Laboratory; Purdue University; Convergent Science; University of South Carolina

218. Argonne National Laboratory; Purdue University; Convergent Science

219. Argonne National Laboratory; Purdue University; Convergent Science

220. U.S. Army Research Laboratory; University of Maryland; AMRDEC-ADD; Convergent Science

221. Wayne State University
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231. Convergent Science; Aramco Services Company

232. GE Global Research Center; Convergent Science; Oak Ridge National Laboratory

233. General Motors

234. Michigan State University; Convergent Science

235. Ecole Nationale Polytechnique d'Oran

236. University of Massachusetts Lowell

237. University of Massachusetts Lowell

238. Universitat Politècnica de València

239. Aero Engine Academy of China; China Agricultural University; Tsinghua University
240. **King Abdullah University of Science and Technology**  

241. **RWTH Aachen University; University of Illinois Urbana-Champaign; Ford Research Center; Ford Research Center Aachen**  

242. **Istituto Motori CNR; University of Rome Tor Vergata**  

243. **RWTH Aachen University; Ford Research Center Aachen**  

244. **University of Oxford**  

245. **Renault SAS**  

246. **Saudi Aramco; King Abdullah University of Science and Technology**  

247. **Aramco Research Center**  

248. **Michigan Technological University; Argonne National Laboratory; University of Massachusetts Dartmouth**  
249. Universität degli Studi di Perugia; Argonne National Laboratory; Georgia Institute of Technology; Sandia National Laboratories; Monash University; Universitat Politècnica de València

250. Argonne National Laboratory; Sandia National Laboratories

251. Bennett University; Convergent Science; Argonne National Laboratory

252. Michigan Technological University

253. Convergent Science

254. Argonne National Laboratory

255. Caterpillar Inc.

256. Argonne National Laboratory; Universitat Politècnica de València; University of Connecticut; Convergent Science

257. Stony Brook University
258. **Argonne National Laboratory; Convergent Science; Aramco Research Center**

259. **King Abdullah University of Science and Technology**

260. **Argonne National Laboratory; Aramco Research Center**

261. **University of Massachusetts Dartmouth; Argonne National Laboratory; Michigan Technological University**

262. **Carnegie Mellon University; General Motors; University of Michigan**

263. **King Abdullah University of Science and Technology; Saudi Aramco**

264. **Politecnico di Torino; IFP Energies nouvelles; Groupe Renault**

265. **Texas Tech University; John Deere Power Systems**

266. **Brandenburg University of Technology; LOGE AB**
267. Stony Brook University

268. Indian Institute of Technology; King Abdullah University of Science and Technology

269. Michigan Technological University; Aramco Research Center; Convergent Science

270. Indian Institute of Technology

271. Hyundai Motor Company

272. Wayne State University

273. Convergent Science

274. General Motors; Oak Ridge National Laboratory; Lawrence Livermore National Laboratory

275. AVIC
276. **Chiba University**

277. **Argonne National Laboratory**

278. **Argonne National Laboratory; Convergent Science**

279. **Toyota Motor Corporation**

280. **Southwest Research Institute**

281. **Argonne National Laboratory; Gamma Technologies; Politecnico di Torino**

282. **Hunan University**

283. **POWERTECH Engineering; Wartsila Italia**

284. **Ford Motor Company**
285. **Argonne National Laboratory**  

286. **Indian Institute of Technology Madras**  

287. **Federal University of Santa Catarina; Embraco**  

288. **RWTH Aachen University**  

289. **Stony Brook University**  

290. **Magneti Marelli**  

291. **University of Rome Tor Vergata**  

292. **University of Illinois at Chicago**  

293. **Indian Institute of Technology Madras**  
294. **Marquette University**

295. **Tianjin University; Guilin University of Aerospace Technology**

296. **Tsinghua University**

297. **Argonne National Laboratory**

298. **Tianjin University**

299. **Tianjin University**

300. **Tianjin University**

301. **Tsinghua University; China Agricultural University**

302. **Tsinghua University**
303. **VIT University**

304. **Tianjin University**

305. **U.S. Army Research Laboratory; NAVAIR; NASA Glenn Research Center; AMRDEC-ADD**

306. **Tianjin University**

307. **Shanghai Jiao Tong University**

308. **West Virginia University; Tianjin University; National Research Council, Canada**

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310. **University of Oxford; Jaguar Land Rover**

311. **Argonne National Laboratory**
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314. **Continental Automotive France**

315. **Indiana University – Purdue University Indianapolis**

316. **Universiti Kebangsaan Malaysia**

317. **Colorado State University**

318. **General Motors**

319. **Argonne National Laboratory; North Carolina State University**

320. **Argonne National Laboratory; Lawrence Livermore National Laboratory; University of Connecticut**
321. Argonne National Laboratory; North Carolina State University

322. Argonne National Laboratory; Cummins Inc.

323. Automotive Research Association of India

324. Cameron

325. GE Global Research Center; Convergent Science; King Abdullah University of Science and Technology; Oak Ridge National Laboratory

326. Honda Motor Co. Ltd.

327. Argonne National Laboratory; Convergent Science; Aramco Research Center

328. Colorado School of Mines; National Renewable Energy Laboratory

329. YANMAR Co., Ltd.; IDAJ Co. LTD; Convergent Science

331. Tohoku University; Keihin Corp.  

332. Marquette University  

333. Brandenburg University of Technology; LOGE AB; Groupe Renault  

334. Brandenburg University of Technology; LOGE AB; Groupe Renault  

335. Brandenburg University of Technology; LOGE AB; Groupe Renault  

336. U.S. Military Academy  

337. Carnegie Mellon University; University of Cassino and Lazio Meridionale  
338. Southwest Research Institute

339. École des Mines de Nantes; Laboratoire de Recherche en Technologie de l’Environnement

340. Delphi; Wayne State University

341. Universitat Politècnica de València; Volvo

342. Michigan Technological University; Nostrum Energy LLC

343. Michigan Technological University; Argonne National Laboratory; U.S. Army Research Laboratory

344. Michigan Technological University

345. Michigan Technological University; Argonne National Laboratory

346. Michigan Technological University
<table>
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<th>DOI</th>
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</thead>
</table>
357. **Georgia Institute of Technology**  

358. **Stanford University; Technische Universität Darmstadt; University of Michigan**  

359. **Stanford University; Technische Universität Darmstadt; University of Michigan**  

360. **Gamma Technologies**  

361. **Convergent Science; LOGE AB; Caterpillar Inc.**  

362. **Argonne National Laboratory; University of Connecticut**  

363. **LiquidPiston Inc.**  

364. **West Virginia University; National Research Council, Canada**  

365. **Altronic Hoerbiger; Prometheus Applied Technologies, LLC**  

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367. **Groupe Renault; Convergent Science**  

368. **Caterpillar Inc.**  

369. **Convergent Science; University of Duisburg-Essen; Caterpillar Inc.**  

370. **King Abdullah University of Science and Technology; University of Hiroshima**  

371. **DENSO Corporation; Japan Automobile Research Institute**  

372. **Argonne National Laboratory**  

373. **Aramco Research Center**  

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377. **Argonne National Laboratory; Convergent Science**

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380. **Argonne National Laboratory; Convergent Science**

381. **Caterpillar Inc.**

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Aramco Services Company

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Sandia National Laboratories; Convergent Science

Prometheus Applied Technologies, LLC

General Motors

General Motors R&D
412. **General Motors**

413. **General Motors**

414. **Ford Motor Company; Convergent Science; Dalian University of Technology**

415. **Argonne National Laboratory; Convergent Science**

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417. **Argonne National Laboratory; Università degli Studi di Perugia; Convergent Science**

418. **Argonne National Laboratory; Università degli Studi di Perugia; Convergent Science; University of Massachusetts**

419. **Argonne National Laboratory; Università degli Studi di Perugia**
420. **Argonne National Laboratory; Università degli Studi di Perugia; Convergent Science; University of Massachusetts**


421. **Hunan University; University of Wisconsin–Madison**


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425. **Convergent Science**


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430. Convergent Science; North Carolina State University; Argonne National Laboratory

431. Purdue University; Argonne National Laboratory; San Diego State University

432. University of Nottingham; University of Birmingham; Tsinghua University

433. RWTH Aachen University; Complexe de Recherche Interprofessionnel en Aérothermochimie

434. Caterpillar Inc.; Southwest Research Institute

435. Prometheus Applied Technologies, LLC; Altronic Hoerbiger

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449. **Technische Universität Wien**

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452. **Prometheus Applied Technologies, LLC; Altronic Hoerbiger**

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454. **Argonne National Laboratory; Convergent Science**
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457. **University of Illinois at Chicago; Argonne National Laboratory; Convergent Science**

458. **Argonne National Laboratory; University of Illinois at Chicago**

459. **Argonne National Laboratory; University of Connecticut; Convergent Science**

460. **Argonne National Laboratory; Convergent Science; Caterpillar Inc.**

461. **Argonne National Laboratory; Politecnico di Milano**

462. **University of Illinois at Chicago**

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465. **King Abdullah University of Science and Technology; Saudi Aramco**

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467. **Sandia National Laboratories; King Abdullah University of Science and Technology; IFP Energies nouvelles; Meiji University; Technical University of Denmark; Universitat Politècnica de València; Argonne National Laboratory; University of Wisconsin; Politecnico di Milano; ETH Zurich; University of New South Wales**

468. **Carnegie Mellon University; Pennsylvania State University**

469. **University of California, Berkeley; KAUST**

470. **University of Michigan; University of Wisconsin; Pennsylvania State University; Sandia National Laboratories; Technische Universität Darmstadt; General Motors**

471. **Convergent Science; Argonne National Laboratory; Cummins Inc.**

472. **Convergent Science; Argonne National Laboratory**
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480. **Brandenburg University of Technology; LOGE AB; Chalmers University of Technology**

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492. **University of Waterloo**

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498. **Convergent Science; Argonne National Laboratory**

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546. **Electro-Motive Diesel Inc.**

547. **Electro-Motive Diesel Inc.**

548. **Westport Fuel Systems**

549. **Electro-Motive Diesel Inc.**

550. **General Motors**

551. **Southwest Research Institute**

552. **FEV**
553. Michigan Technological University; WM International Engineering

554. Michigan Technological University

555. MAHLE Powertrain

556. Woodward, Inc.

557. IFP Energies nouvelles; Convergent Science

558. Sandia National Laboratories; Lawrence Livermore National Laboratory; Massachusetts Institute of Technology

559. SAIC Motor Corporation Ltd

560. JP SCOPE, Inc.; Czero Inc.; University of Bath; Anderson Consulting
561. **Clemson University**

562. **Indian Institute of Technology Bombay**

563. **University of Maryland**

564. **U.S. Army Research Laboratory; Convergent Science**

565. **U.S. Army Research Laboratory; U.S. Military Academy**

566. **U.S. Army Research Laboratory; Convergent Science**


568. **University of Kansas**

569. **University of Kansas**
570. **University of Kansas**  

571. **Laboratoire de Recherche en Technologie de l’Environnement; École des Mines de Nantes**  

572. **Laboratoire de Recherche en Technologie de l’Environnement; École des Mines de Nantes**  

573. **Convergent Science**  

574. **Universitat Politècnica de València; Groupe Renault**  

575. **Universitat Politècnica de València; Groupe Renault**  

576. **Universitat Politècnica de València; Groupe Renault**  

577. **Altronic Hoerbiger**  

578. **Università degli Studi di Perugia; Argonne National Laboratory; Convergent Science**  
579. **Università degli Studi di Perugia; Argonne National Laboratory**  

580. **Università degli Studi di Perugia**  

581. **Argonne National Laboratory**  

582. **Electro-Motive Diesel Inc.**  

583. **Saudi Aramco; King Abdullah University of Science and Technology**  

584. **Saudi Aramco; King Abdullah University of Science and Technology**  

585. **Saudi Aramco; King Abdullah University of Science and Technology**  

586. **JP SCOPE, Inc.; Czero Inc.**  

587. **University of Michigan**  
588. **University of Michigan**  

589. **University of Michigan; Hyundai-Kia America Technical Center Inc**  

590. **ISUZU Advanced Engineering Center Ltd.**  

591. **Tianjin University; Tianjin Internal Combustion Engine Magnetic Motor Co., Ltd.; Chongqing Changan Automobile Co., Ltd.; Changan Automobile Engineering Institute**  

592. **Argonne National Laboratory; General Motors R&D**  

593. **Argonne National Laboratory**  

594. **Argonne National Laboratory**  

595. **Southwest Research Institute**  
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596. **Indian Institute of Technology Bombay**  
597. **King Abdullah University of Science and Technology**

598. **King Abdullah University of Science and Technology**

599. **University of Illinois at Chicago; Convergent Science**

600. **Indian Institute of Technology Madras**

601. **Indian Institute of Technology Madras**

602. **Southwest Research Institute**

603. **Southwest Research Institute**

604. **Georgia Southern University; Rensselaer Polytechnic Institute; University of Connecticut**

605. **Wayne State University; Georgia Southern University; Shanghai Jiao Tong University**

606. **Georgia Southern University; Army Research Laboratory**
Georgia Southern University