SELECTED BIBLIOGRAPHY FOR CONVERGENT SCIENCE & CONVERGE CFD SOFTWARE

Updated May 2, 2019

1. Colorado State University

2. Sojo University

3. Sojo University

4. Sojo University

5. Argonne National Laboratory; Oak Ridge National Laboratory

6. Tsinghua University

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

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

10. **University of Massachusetts Lowell**  

11. **North Carolina State University**  
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13. **Beijing Institute of Technology; Collaborative Innovation Center of Electric Vehicles in Beijing**  

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

15. **Stony Brook University; Sandia National Laboratories**  
16. **The Ohio State University; Oak Ridge National Laboratory**

17. **Texas Tech University; Oakland University**

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

19. **Carnegie Mellon University; University of Alabama**

20. **Carnegie Mellon University**

21. **Tianjin University**

22. **University of Manitoba; National Research Council, Canada**

23. **Sardar Vallabhbhai National Institute of Technology; Gdyana Sanshodhana Nagari**
24. **Tsinghua University; University of Birmingham**

25. **Tianjin University**

26. **Michigan Technological University**

27. **Stony Brook University**

28. **Aramco Services Company; Argonne National Laboratory**

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

30. **Stony Brook University**

31. **Argonne National Laboratory; University of Perugia; Bennett University**
32. Argonne National Laboratory; University of Perugia; Bennett University

33. Argonne National Laboratory; University of Perugia

34. Gardner Denver Schopfheim GmbH

35. CMT-Motores Térmicos

36. CMT-Motores Térmicos

37. Mississippi State University

38. Aramco Research Center

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39. **Convergent Science**  

40. **Hiltner Combustion Systems; Caterpillar Inc.**  

41. **General Motors; AVL Dacolt**  

42. **General Motors**  

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

44. **Argonne National Laboratory**  

45. **Argonne National Laboratory; Sandia National Laboratories**  
46. Argonne National Laboratory; University of Connecticut; Convergent Science

47. Argonne National Laboratory; University of Connecticut

48. Argonne National Laboratory; General Motors R&D

49. Tongji University

50. Aramco Research Center; Argonne National Laboratory; Delphi Technologies

51. Southwest Research Institute

52. Caterpillar Inc.

53. Lawrence Livermore National Laboratory; Clemson University International Center for Automotive Research; Clemson University; Auburn University
54. **Tianjin University; Brunel University London**

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

56. **Delphi Technologies; Achates Power**

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

58. **Convergent Science**

59. **Convergent Science**

60. **University of Oxford**

61. **FCA US LLC; Virginia Tech; Texas Tech University**
62. Argonne National Laboratory; Università degli Studi di Perugia; Indian Institute of Technology Delhi

63. 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.

64. Universitat Politècnica de València

65. ClearFlame Engines, Inc.; Argonne National Laboratory

66. Tianjin University; Guangxi Yuchai Machinery Group Co., Ltd.

67. Indian Institute of Technology

68. King Abdullah University of Science and Technology; Volvo

69. Tongji University; Chongqing University; Y&C Engine Co., Ltd.
70. **University of Oxford; Jaguar Land Rover**

71. **Indian Institute of Technology Bombay**

72. **Saudi Aramco; Aramco Services Company**

73. **Mainstream Engineering Corporation**

74. **Technische Universität München**

75. **Aramco Services Company; Argonne National Laboratory**

76. **GE Global Research Center; Convergent Science; Oak Ridge National Laboratory**
77. University of Windsor

78. University of Windsor

79. King Abdullah University of Science and Technology

80. Southwest Research Institute

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

82. Oakland University; Texas Tech University

83. Indian Institute of Technology Madras

84. Southwest Research Institute
85. **Aramco Research Center; Argonne National Laboratory; FRIENDSHIP SYSTEMS AG; Convergent Science**  

86. **Indian Institute of Technology Madras**  

87. **University of Abou Bekr Belkaid Tlemcen; University Center of Nâama; Institute Mines-Telecom Atlantique de Nantes, France**  

88. **Daihatsu Motor Co., Ltd.**  

89. **University of Waterloo**  

90. **University of Waterloo**  

91. **DENSO Corporation**  

92. **Convergent Science**  
93. **Convergent Science**  

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

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

96. **Convergent Science; University of Massachusetts Amherst; Oregon State University; Northeastern University**  

97. **King Abdullah University of Science and Technology; Lund University**  

98. **Convergent Science; Sanden International (Europe) Ltd.**  

99. **Convergent Science**  
100. **Convergent Science; Tecumseh Products Company**

101. **Convergent Science**

102. **Achates Power; Argonne National Laboratory**

103. **Cummins Inc.; Indian Institute of Technology Bombay**

104. **Aramco Services Company; Convergent Science; Michigan Technological University**

105. **Argonne National Laboratory; Convergent Science; Michigan Technological University**

106. **University of Michigan; General Motors**
107. **Oak Ridge National Laboratory; Argonne National Laboratory**

108. **University of Oxford; Loughborough University**

109. **Texas Tech University; Oakland University**

110. **Technische Universität München**

111. **Texas Tech University; Oakland University**

112. **University of Alabama**

113. **University of Rome Tor Vergata; University of Alabama**
114. **University of Massachusetts Lowell**

115. **Convergent Science; Automotive Research Association of India; COEP-ARAI M. Tech Program**

116. **Argonne National Laboratory**

117. **Guangxi University**

118. **RWTH Aachen University**

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127. **CMT-Motores Térmicos; Universitat Politècnica de València**

128. **CMT-Motores Térmicos; Universitat Politècnica de València; Volvo Group**

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131. **IDAJ Co. LTD**

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

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

141. **University of Manitoba**  

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

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

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146. **Beijing Institute of Technology**

147. **University of Manitoba**

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

150. **Convergent Science; TU Dortmund University**

151. **West Virginia University**

152. **West Virginia University; Tianjin University**

153. **Sakarya University; Kocaeli University**
154. **DENSO Corporation**  

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

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161. **Shanghai Jiao Tong University**  
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164. **MOE Key Laboratory for Power Machinery and Engineering**  

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168. **Stanford University; AMRDEC-ADD**  

169. **Iowa State University**  
170. **Oak Ridge National Laboratory; Lawrence Livermore National Laboratory; General Motors**


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


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173. **Purdue University; Convergent Science; Argonne National Laboratory**


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174. **University of Maryland; Convergent Science; AMRDEC-ADD**


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175. **Wayne State University**


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177. **University of Massachusetts; General Motors**

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180. **Convergent Science**  

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184. **Purdue University; Convergent Science**  

185. **Convergent Science; Aramco Services Company**  
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194. **King Abdullah University of Science and Technology**

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

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

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203. **Monash University; Georgia Institute of Technology; Argonne National Laboratory; Sandia National Laboratories**

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205. **Convergent Science; Bennett University; Argonne National Laboratory**

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212. **Convergent Science; Argonne National Laboratory; Aramco Research Center**

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

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

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

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

220. **Brandenburg University of Technology; LOGE AB**

221. **Stony Brook University**

222. **King Abdullah University of Science and Technology; Indian Institute of Technology**

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224. **Indian Institute of Technology**

225. **Isuzu Technical Center of America, Inc.**
226. **Hyundai Motor Company**  

227. **Wayne State University**  

228. **Convergent Science**  

229. **General Motors; Oak Ridge National Laboratory; Lawrence Livermore National Laboratory**  

230. **AVIC**  

231. **Chiba University**  

232. **Argonne National Laboratory**  

233. **Convergent Science; Argonne National Laboratory**  
234. **Toyota Motor Corporation**  

235. **Southwest Research Institute**  

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

237. **Hunan University**  

238. **Wartsila Italia; POWERTECH Engineering**  

239. **Ford Motor Company**  

240. **Argonne National Laboratory**  

241. **Indian Institute of Technology Madras**  

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243. **RWTH Aachen University**  

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245. **Magneti Marelli**  

246. **University of Rome Tor Vergata**  

247. **University of Illinois at Chicago**  

248. **Indian Institute of Technology Madras**  

249. **Marquette University**  
250. **Tianjin University; Guilin University of Aerospace Technology**  

251. **Tsinghua University**  

252. **Argonne National Laboratory**  

253. **Tianjin University**  

254. **Tianjin University**  

255. **Tianjin University**  

256. **Tsinghua University; China Agricultural University**  

257. **Tsinghua University**  
258. **VIT University**  

259. **Tianjin University**  

260. **NAVAIR; NASA Glenn Research Center; AMRDEC-ADD**  

261. **Tianjin University**  

262. **Shanghai Jiao Tong University**  

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

264. **West Virginia University; Tianjin University**  

265. **University of Oxford; Jaguar Land Rover**  
266. **Argonne National Laboratory**

267. **Argonne National Laboratory**

268. **Argonne National Laboratory**

269. **Continental Automotive France**

270. **Indiana University – Purdue University Indianapolis**

271. **Universiti Kebangsaan Malaysia**

272. **Colorado State University**

273. **General Motors**
274. Argonne National Laboratory; North Carolina State University

275. Argonne National Laboratory; Lawrence Livermore National Laboratory; University of Connecticut

276. Argonne National Laboratory; North Carolina State University

277. Argonne National Laboratory; Cummins Inc.

278. Automotive Research Association of India

279. Cameron

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

281. Honda Motor Co. Ltd.
282. **Argonne National Laboratory; Convergent Science; Aramco Research Center**  

283. **Colorado School of Mines; National Renewable Energy Laboratory**  

284. **YANMAR Co., Ltd.; IDAJ Co. LTD; Convergent Science**  

285. **New Ace Inst. Co. Ltd.**  

286. **Tohoku University; Keihin Corp.**  

287. **Marquette University**  

288. **Brandenburg University of Technology; LOGE AB; Groupe Renault**  

289. **Brandenburg University of Technology; LOGE AB; Groupe Renault**  
290. Brandenburg University of Technology; LOGE AB; Groupe Renault

291. U.S. Military Academy

292. Carnegie Mellon University; University of Cassino and Lazio Meridionale

293. Southwest Research Institute

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

295. Delphi; Wayne State University

296. Universitat Politècnica de València; Volvo

297. Michigan Technological University; Nostrum Energy LLC
298. **Michigan Technological University; Argonne National Laboratory; U.S. Army Research Laboratory**

299. **Michigan Technological University**

300. **Michigan Technological University; Argonne National Laboratory**

301. **Michigan Technological University**

302. **Wayne State University; Delphi**

303. **Wayne State University; Delphi**

304. **Wayne State University; Delphi**

305. **Chalmers University of Technology; LOGE AB; Brandenburg University of Technology**
306. **Texas A&M University; Cameron**

307. **Texas A&M University; GE Oil & Gas**

308. **Universidade do Minho**

309. **Prometheus Applied Technologies, LLC; Colorado State University**

310. **University of Illinois at Chicago**

311. **Georgia Institute of Technology**

312. **Georgia Institute of Technology**

313. **Stanford University; Technische Universität Darmstadt; University of Michigan**
314. **Stanford University; Technische Universität Darmstadt; University of Michigan**

315. **Gamma Technologies**

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

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

318. **LiquidPiston Inc.**

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

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

321. **Altronic Hoerbiger; Prometheus Applied Technologies, LLC**
322. **Groupe Renault; Convergent Science**  

323. **Caterpillar Inc.**  

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

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

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

327. **Argonne National Laboratory**  

328. **Aramco Research Center**  

329. **Convergent Science**  
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332. **Argonne National Laboratory; Convergent Science**

333. **Argonne National Laboratory**

334. **Argonne National Laboratory**

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

336. **Caterpillar Inc.**

337. **Caterpillar Inc.**
338. **University of Michigan-Ann Arbor**  

339. **Georgia Institute of Technology**  

340. **General Motors**  

341. **Carnegie Mellon University; Mississippi State University; Argonne National Laboratory**  

342. **Renault SAS**  

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

344. **Wayne State University; US Army TARDEC**  

345. **Chrysler Group LLC**  
346. **Argonne National Laboratory; Convergent Science**  

347. **Universiti Kebangsaan Malaysia**  

348. **Rensselaer Polytechnic Institute**  

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

350. **Chrysler Group LLC; Argonne National Laboratory**  

351. **Prometheus Applied Technologies, LLC**  

352. **Wayne State University**  

353. **Weichai Power Emissions Solutions Company**  
354. **Michigan Technological University; Argonne National Laboratory**

355. **Michigan Technological University; Nostrum Energy LLC**

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357. **Michigan Technological University; Nostrum Energy LLC**

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

359. **Aramco Research Center**

360. **Aramco Research Center**

361. **Aramco Services Company**
362. **Argonne National Laboratory; Michigan Technological University**

363. **Convergent Science; Sandia National Laboratories**

364. **Prometheus Applied Technologies, LLC**

365. **General Motors**

366. **General Motors R&D**

367. **General Motors**

368. **General Motors**

369. **Ford Motor Company; Convergent Science; Dalian University of Technology**
370. Argonne National Laboratory; Convergent Science

371. Argonne National Laboratory; Convergent Science

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

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

374. Argonne National Laboratory; Università degli Studi di Perugia

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

376. Hunan University; University of Wisconsin–Madison

377. Tianjin University; Chongqing Changan Automobile Co., Ltd.
378. Sandia National Laboratories

379. Convergent Science; Indiana University – Purdue University Indianapolis

380. Convergent Science

381. Convergent Science; GE Global Research Center

382. Technical University of Denmark; Sandia National Laboratories

383. Mississippi State University; Argonne National Laboratory

384. Argonne National Laboratory; Chrysler Group LLC; Convergent Science

385. Convergent Science; North Carolina State University; Argonne National Laboratory
386. Purdue University; Argonne National Laboratory; San Diego State University

387. University of Nottingham; University of Birmingham; Tsinghua University

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

389. Caterpillar Inc.; Southwest Research Institute

390. Prometheus Applied Technologies, LLC; Altronic Hoerbiger

391. Prometheus Applied Technologies, LLC

392. Prometheus Applied Technologies, LLC; Hoerbier; Altronic, LLC

393. Argonne National Laboratory; Aramco Research Center
394. **Argonne National Laboratory; Aramco Research Center**

395. **Weichai Power Emissions Solutions Company; Tsinghua University**

396. **Michigan State University**

397. **Michigan State University**

398. **Michigan State University**

399. **Ecole Militaire Polytechnique, Algeria; École des Mines de Nantes; Université de Boumerdes, Algeria**

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401. **Mainstream Engineering Corporation; U.S. Army Tank Automotive Research Development and Engineering Center**
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403. Allison Transmission India Pvt. Ltd.; Saveetha Engineering College; Madras Institute of Technology

404. Technische Universität Wien

405. Imperial College London; Sandia National Laboratories; Politecnico di Milano; Argonne National Laboratory

406. Prometheus Applied Technologies, LLC; GEC Inc.

407. Prometheus Applied Technologies, LLC; Altronic Hoerbiger

408. Prometheus Applied Technologies, LLC

409. Argonne National Laboratory; Convergent Science
410. **Argonne National Laboratory**

411. **Argonne National Laboratory**

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

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

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

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

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

417. **University of Illinois at Chicago**

418. **University of Illinois at Chicago**
419. **University of Illinois at Chicago**

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

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

422. **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**

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

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

425. **University of Michigan; University of Wisconsin; Pennsylvania State University; Sandia National Laboratories; Technische Universität Darmstadt; General Motors**
426. **Convergent Science; Argonne National Laboratory; Cummins Inc.**

427. **Convergent Science; Argonne National Laboratory**
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432. **Convergent Science**

433. **Convergent Science; Caterpillar Inc.; Sandia National Laboratories**
434. **Convergent Science; Argonne National Laboratory; Cummins Inc.**

435. **Brandenburg University of Technology; LOGE AB; Chalmers University of Technology**

436. **University of Michigan; General Motors**

437. **Argonne National Laboratory**

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

440. **University of Perugia; Convergent Science; Argonne National Laboratory**
441. **Argonne National Laboratory; University of Perugia; Convergent Science**

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443. **Argonne National Laboratory**

444. **Argonne National Laboratory; Convergent Science; University of Perugia**

445. **Convergent Science**

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

447. **University of Waterloo**

448. **University of Waterloo**
449. Indian Institute of Technology Madras

450. LOGE AB; Groupe Renault

451. Groupe Renault

452. Groupe Renault

453. Convergent Science; Argonne National Laboratory

454. Convergent Science

455. Convergent Science; Argonne National Laboratory; Lawrence Livermore National Laboratory

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459. **Convergent Science; Cummins Inc.**

460. **Convergent Science; Argonne National Laboratory; Sandia National Laboratories**

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462. **Convergent Science**

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468. **Volvo; Instituto Tecnológico de Aeronáutica**  

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470. **Indian Institute of Technology Bombay**  

471. **Carnegie Mellon University; Convergent Science**  

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473. **Wayne State University**

474. **Convergent Science; Chrysler Group LLC**

475. **Michigan State University**

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478. **University of Waterloo; General Motors**

479. **University of Waterloo**

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481. **Mainstream Engineering Corporation**  

482. **National Institute of Technology, Warangal, India**  

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485. **IFP Energies nouvelles; Groupe Renault**  

486. **Ford Motor Company; Chalmers University of Technology; LOGE AB; Brandenburg University of Technology**  

487. **FEV**  

488. **Gamma Technologies; Politecnico di Torino**  
489. **Lawrence Livermore National Laboratory**

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492. **Carnegie Mellon University**

493. **Cameron**

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495. **Argonne National Laboratory; Università degli Studi di Perugia; University of Massachusetts**

496. **Convergent Science**
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504. Electro-Motive Diesel Inc.  

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506. Southwest Research Institute  

507. FEV  

508. Michigan Technological University; WM International Engineering  

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510. MAHLE Powertrain  

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523. **University of Kansas**  

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528. **Convergent Science**

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

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

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

532. **Altronic Hoerbiger**

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

535. **Università degli Studi di Perugia**

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

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

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

562. **Georgia Southern University**