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Updated July 1, 2019

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245. **Carnegie Mellon University; General Motors; University of Michigan**  
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255. Wayne State University

256. Convergent Science

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

258. AVIC

259. Chiba University

260. Argonne National Laboratory

261. Argonne National Laboratory; Convergent Science

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

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

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

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354. **DENSO Corporation; Japan Automobile Research Institute**
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525. **Convergent Science; Parker Hannifin Corporation**

526. **Convergent Science**

527. **Convergent Science**

528. **Convergent Science**

529. **Electro-Motive Diesel Inc.**

530. **Electro-Motive Diesel Inc.**

531. **Westport Fuel Systems**
532. **Electro-Motive Diesel Inc.**  

533. **General Motors**  

534. **Southwest Research Institute**  

535. **FEV**  

536. **Michigan Technological University; WM International Engineering**  

537. **Michigan Technological University**  

538. **MAHLE Powertrain**  

539. **Woodward, Inc.**  

540. **IFP Energies nouvelles; Convergent Science**  
541. **Sandia National Laboratories; Lawrence Livermore National Laboratory; Massachusetts Institute of Technology**  

542. **SAIC Motor Corporation Ltd**  

543. **JP SCOPE, Inc.; Czero Inc.; University of Bath; Anderson Consulting**  

544. **Clemson University**  

545. **Indian Institute of Technology Bombay**  

546. **University of Maryland**  

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

548. **U.S. Army Research Laboratory; U.S. Military Academy**  
549. **U.S. Army Research Laboratory; Convergent Science**


551. **University of Kansas**

552. **University of Kansas**

553. **University of Kansas**

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

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

556. **Convergent Science**

557. **Universitat Politècnica de València; Groupe Renault**
558. **Universitat Politècnica de València; Groupe Renault**  

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

560. **Altronic Hoerbiger**  

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

562. **Università degli Studi di Perugia; Argonne National Laboratory**  

563. **Università degli Studi di Perugia**  

564. **Argonne National Laboratory**  

565. **Electro-Motive Diesel Inc.**  

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

568. Saudi Aramco; King Abdullah University of Science and Technology

569. JP SCOPE, Inc.; Czero Inc.

570. University of Michigan

571. University of Michigan

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

573. ISUZU Advanced Engineering Center Ltd.

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

575. Argonne National Laboratory; General Motors R&D
576. **Argonne National Laboratory**

577. **Argonne National Laboratory**

578. **Southwest Research Institute**
   Abidin, Z., Hoag, K., Mckee, D., and Badain, N., "Port Design for Charge Motion Improvement within the Cylinder," SAE Paper 2016-01-0600, 2016. DOI: 10.4271/2016-01-0600

579. **Indian Institute of Technology Bombay**

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

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

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

583. **Indian Institute of Technology Madras**

584. **Indian Institute of Technology Madras**

585. **Southwest Research Institute**
586. **Southwest Research Institute**  

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

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

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

590. **Georgia Southern University**  