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AWARDS OF NATIONAL PRIZE FOR SCIENCE AND TECHNOLOGY

The list of National Prize award winners follows:

Prof Dr Eilhard Mitscherlich, professor agricultural science at Humboldt University in Berlin and member of the German Academy of Sciences, for his scientific experiments on the improvement of agricultural yields.

Prof Dr Erhard Schmidt, professor mathematics at Humboldt University in Berlin and member of the German Academy of Sciences, for his scientific research, particularly in the field of linear and nonlinear integral equations and on the isoperimetric problem.

Dr Johannes Harting, research director in chief of the Carl Zeiss Works and the Association of People-Owned Optical Enterprises in Jena, for the creation of the practical and theoretical prerequisites for the reconstruction of the Zeiss plant.

Adolt Hennecke, black-coal miner, foreman at the Karl Liebknecht (people-owned) mine in Oelsnitz and initiator of the activist movement bearing his name.

Prof Dr Heinrich Barkhausen, professor of low amperage technique and member of the German Academy of Sciences, for his scientific investigations.

Prof Dr Hans Cloos, professor of geology at Bonn University, for his outstanding contribution as founder of the study of granite tectonics.

Prof Dr Friedrich Hund, professor of theoretical physics at the Friedrich Schiller University in Jena and member of the German Academy of Sciences, for his scientific contributions in quantum physics.

Dr Hans Knoell, director of the microbiological institute of the people-owned Schott and Associates plant in Jena, for the development of processes for the manufacture of antibiotics, particularly penicillin.

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Collective for Chemistry

Prof Dr Ernst Schmitz, director of the arsaminol plant of the people-owned Fahlberg-List plant in Magdeburg, for pioneer work in the production of arsaminol.

Dr Robert Griessbach, director of the scientific laboratories of the Wolfen Film Factory, for the development of various types of Novatit.

Dr Johannes Nelles, plant manager of the Buna Works in Schkopau, for his exemplary achievements in the development of buna production.

Dr Erich Reissman, chief of the inorganic division of the Wolfen Film Factory, for his achievements in the production of sulfuric acid from gypsum.

Dr Bernhard Schatzel, chemist in the Heinrich Fall [Heinrichshall ?] people-owned Alcid plant, for the production of phosphorus fertilizers.

Collective for Foundries and Metallurgical Installations

Prof Dr Sedlaczek, director of the people-owned Max Huette metallurgical plant in Unterwellenborn, for his achievements in the expansion of the plant.

Helmut Hensel, manager of the Max Huette plant in Unterwellenborn, for his exemplary efforts in developing the competitive movement in this metallurgical plant.

Otto Ringel, section chief in the Max Huette plant, for outstanding organization of labor in the shipping and communication system in the plant.

Erich Pfroetschner, plant manager of the Riesa people-owned steel and rolling mills, for outstanding services in the construction of the plant.

Karl Pilling, master founder at the Riesa Steel and Rolling Mills, for initiative displayed in the development of the competitive movement in the plant.

Richard Schmidt, master smelter in the Hennigsdorf Steel and Rolling Mills for his achievements as first activist in the metallurgical industry.

Dr Otto Krueger, section chief in the Thale Iron and Foundry Works, for his achievements in the development of substitute materials for the enameling process.

Prof Dr Becker's Collective

Prof Dr Gustav Becker, director of the Institute for Plant Cultivation, in charge of the Quedlinburg seed-cultivation operations, Paul Vogel, horticultural inspector and director of seed growing, Dr Hans-Joachim Mueller, Dr Alfred Schneider, Dr Georg Soergel, biological and scientific collaborators, for pioneer work in plant cultivation and for the creation of new methods of work cooperation among scientists, growers, technicians, and laborers.

Prof Dr Walter Grotrian, observer in chief at the astrophysical observatory in Potsdam, for his scientific contributions in the sphere of astrophysics and nuclear spectroscopy.

Prof Dr Karl Kegel, professor of scientific mining at the Freiberg Mining Academy, for his scientific investigations in connection with the mining of brown coal.

Prof Dr Juergen Kuczynski, professor of economic history at Humboldt University in Berlin, for his investigations concerning the status of the working classes and their historical development.

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Fred Oelssner, political economist in Berlin, for his comprehensive presentation of the theory and history of economic crises.

Prof Dr Hans Stubbe, professor of general and specialized genetics at the University of Halle and member of the German Academy of Sciences, for his research in plant cultivation.

Dr Erich Correns, plant director of the people-owned Thuringen Cellulose Factories in Schwarza and director of the fiber research institute of the Academy of Sciences in Teltow-Seehof, for his scientific contributions in the sphere of fiber research and his participation in the development of the cellulose plant in Schwarza.

Karl Nitzsche, foreman in the people-owned Uroma glass factory, for his services in connection with the preservation of the German clock industry.

Paul Sack, bricklayers' foreman in the people-owned Stralsund shipyards, for the development of new productive working methods in the building industry.

Collective for Coal Mining

Dr Otto Fleischer, technical director of the Black Coal Administration in Zwickau, for his performance in the development of the Zwickau-Oelsnitz coal-mining area.

Erich Burdach, engineer, technical director of the Association of People-Owned Brown Coal Mining Installations in Welzow, for the development of surface mining and the production of briquettes.

Gerhard Boehnisch, manager of the dump at the Ammendorf plant of the Brown Coal Administration in Merseburg, for the introduction of new working methods and the development of the activist and competitive movements.

Stanislaus Szymanski, foreman in the Tatkraft plant in Senftenberg, for his active participation in the rehabilitation of the brown coal industry in Brandenburg.

Collective for Copper Mining and Nonferrous Metal Processing

Josef Wujciak, miner employed in the Mansfeld slate mining installation, and Fritz Himpel, pit overseer, for organizing the activist movement and for increasing production.

Franz Bandel, engineer and director of the Hettstedt copper and brass works, Friedrich Kalteich, engineer and plant manager of the above enterprise, Dr Karl Kaiser, engineer and director of the laboratory and Ernst Seidel, engineer and plant manager, for the production of fine nickel wire and the setting up of a conveyor-operated lacquering installation.

Oberspree Collective

Friedrich Jelitto, development engineer and Willi Drescher, plant engineer, for the construction of transmitter tubes and the development of new processes for their production.

Collective for Coal-Dust Locomotives

Hans Wandler, Reichsbahn consultant, Ernst Hoehne, controller of operational machinery, Wilhelm Helfers, section chief of the Stendal Reichsbahn repair shops, and Otto Watzel and Gustav Scherm, fitters employed in the Tempelhof Reichsbahn repair shops, for the development of the coal-dust locomotive.

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Collective of Young Railroad Workers

Gerhard Dietze, Kurt Spindler, Gerhard Zschieschaur, Eberhard Hildens, Kurt Dietrich, Werner Schmidt, Dieter Waestenfeld, Gerhard Oyer, Kurt Baumgart, Gerhard Keger, Gerhard Schiller, Hans Buthig, Lothar Vogel, and Heinz Jaehrich for exemplary work at the Dresden-Friedrichstadt Reichsbahn repair shops.

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