



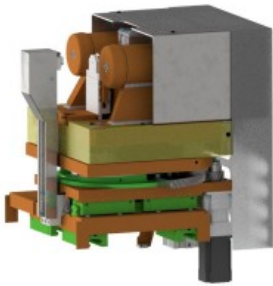
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**INNOVATIONS  
AND TRENDS**



## Automatic simulation of primary shim plates on the bogie test stand



Wheel measuring unit with simulation

Anybody who is testing bogies knows: After shim plates for the compensation of the wheel loads, proposed by the test program, have been changed, the bogie will now react differently on the test stand. The load distribution is not correct anymore and the procedure starts again. The newly developed shim plate simulation on the Nencki bogie test stands enables the wheel supports for the wheel load measuring to be increased or decreased according to the calculated value of the shim plates. In this condition, a new load measuring follows. Afterwards the adjustment is repeated again, until the load distribution is correct. The operator now receives the final value of the shim plate thickness at a display and has to change them only once. This new function offers a great time saving during the adjustment and testing of bogies.

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Subject to further change