

God Rest you Merry Molecules

Carol in honour of Newton's Birthday (December 25).

Sing to the tune of: God Rest you Merry Gentlemen

God rest you merry molecules, let nothing you dismay.
Remember liquid helium is born on chilly days.*
To save us all from viscous stress, and follow Newton's way.

Oh good tidings of comfort and joy, comfort and joy.
Good tidings of comfort and joy.

In far-away Azerbaijan a brilliant mind was born.
Great Newton was his hero, a zero by his norm.
But when he questioned Stalin's clique, from Kharkov he was torn.

Oh sad tidings of trouble and grief, trouble and grief.
Oh sad tidings of trouble and grief.

"Fear not, then," said Kapitsa, "Let nothing you afright".
This day a friend with courage will rise to do what's right
To free you from the demon grasp of Yezhov's power and might.

Oh good tidings of comfort and joy, comfort and joy.
Good tidings of comfort and joy.

Alas, our acts show fear and stress, and Landau backed the bomb.
But in our hopes perfections lurk, and helium-4 bosons
Exemplify pure vortex lines he also wrote upon.

Oh good tidings of comfort and joy, comfort and joy.
Good tidings of comfort and joy.

This tale humbles scientists of every race and kind.
But reading Landau Lifshitz &, they many truths do find.
And share their source code nowadays when 'ere they go online.

Oh good tidings of comfort and joy, comfort and joy.
Good tidings of comfort and joy.

God bless the leader of this lab, and make the students bright
And many a night of hacking may live to bring insight
Among your friends and kindred that live both far and wide—

That God send you a happy Gnu year, happy Gnu year,
And God send you a happy Gnu year.

-- Janet B. Pierrehumbert

*It should be noted that the temperature for creating liquid helium depends on the pressure, and can be very high.