Raytheon’s Santa opens new aspects of Gas Excitation… Cellular Disruption

To:

Raytheon Company
c/o AAAS Convention
Booth 93
Morrison Hotel
Chicago, Ill.

Dear Sirs,

I was intrigued by your recent advertisement for a new Santa Claus model, which appears to combine traditional holiday imagery with technological innovation. The Santa figure is depicted flying in a plane that is emitting what seems to be gas plumes, drawing attention to the concept of gas excitation, a field that has been the subject of ongoing research and development.

Gas excitation, particularly in the realm of cellular disruption, has been a topic of interest for many years. The process involves the application of high-energy gases to cells, leading to structural changes that can be studied and analyzed. This technique has found applications in various fields, including materials science, bioengineering, and even space exploration, where it can be used to study cell behavior in microgravity conditions.

In my research, I have explored the use of gas excitation to understand cellular responses to extreme environmental conditions. The ability to apply such techniques on a large scale, as suggested by your image, could open new avenues for research and development. It is interesting to see how technology continues to evolve, bridging the gap between traditional holiday symbols and cutting-edge science.

I look forward to seeing how this innovation will be implemented and how it will contribute to our collective knowledge. In the spirit of the season, I wish you and your team a very Merry Christmas and Happy New Year.

Sincerely,

[Your Name]

References


18 DECEMBER 1959
APPLICATION FOR HOTEL RESERVATIONS

126th AAAS MEETING

Chicago, 26-31 December 1959

The four hotels for the AAAS Chicago meeting have established special low rates and have reserved large blocks of rooms at each level within the price ranges quoted. Thus everyone making room reservations for the AAAS meeting is assured substantial savings. Further, all confirmations will state the room rate assigned.

The list of hotels and their rates and the reservation coupon below are for your convenience in making your hotel reservation in Chicago. Please send your application, not to any hotel directly, but to the AAAS Housing Bureau in Chicago and thereby avoid delay and confusion. The experienced Housing Bureau will make assignments promptly; a confirmation will be sent you in two weeks or less.

If desired, the hotels will add a cot at $3.00 per night—except that all children under 12 are free. Mail your application now to secure your first choice of desired accommodations. All requests for reservations must give a definite date and estimated hour of arrival, and also probable date of departure.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

*No sessions in public rooms. For a list of the headquarters of each participating society and section, see page 228, Science, 24 July.

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Single</th>
<th>Double Bed</th>
<th>Twin Bed</th>
<th>Suite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morrison</td>
<td>$6.50— 9.00</td>
<td>$9.00—13.00</td>
<td>$11.00—15.00</td>
<td>$30.00 and up</td>
</tr>
<tr>
<td>Hamilton</td>
<td>6.50— 9.50</td>
<td>9.00—13.00</td>
<td>11.00—15.00</td>
<td>25.00 and up</td>
</tr>
<tr>
<td>La Salle</td>
<td>7.50—10.00</td>
<td>10.50—13.00</td>
<td>12.50—15.50</td>
<td>35.50 and up</td>
</tr>
<tr>
<td>Sherman</td>
<td>7.45—12.45</td>
<td>11.45—16.45</td>
<td>14.45—19.50</td>
<td>28.50 and up</td>
</tr>
<tr>
<td>*Bismark</td>
<td>6.50—10.00</td>
<td>9.00—13.00</td>
<td>11.00—15.00</td>
<td></td>
</tr>
</tbody>
</table>

---

THIS IS YOUR HOUSING RESERVATION COUPON

AAAS Housing Bureau
Suite 900
134 North La Salle Street
Chicago 2, Ill.

Please reserve the following accommodations for the 126th Meeting of the AAAS in Chicago, 26-31 Dec., 1959:

**TYPE OF ACCOMMODATION DESIRED**

<table>
<thead>
<tr>
<th>Single Room</th>
<th>Desired Rate</th>
<th>Maximum Rate</th>
<th>Desired Rate</th>
<th>Maximum Rate</th>
<th>Number in party</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double-Bedded Room</td>
<td>Desired Rate</td>
<td>Maximum Rate</td>
<td>Desired Rate</td>
<td>Maximum Rate</td>
<td></td>
</tr>
<tr>
<td>Twin-Bedded Room</td>
<td>Desired Rate</td>
<td>Maximum Rate</td>
<td>Desired Rate</td>
<td>Maximum Rate</td>
<td></td>
</tr>
<tr>
<td>Suite</td>
<td>Desired Rate</td>
<td>Maximum Rate</td>
<td>Sharing this room will be:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Attach list if this space is insufficient. The name and address of each person, including yourself, must be listed.)

---

First Choice Hotel Second Choice Hotel Third Choice Hotel

**DATE OF ARRIVAL**

(These must be indicated—add approximate hour, a.m. or p.m.)

**NAME**

(Individual requesting reservation)

(Please print or type)

**ADDRESS**

(Street) (City and Zone) (State)

Mail this now to the Housing Bureau. Rooms will be assigned and confirmed in order of receipt of reservation.

1720

SCIENCE, VOL. 130